



The QCWA Journal

Volume 37, No. 2

SUMMER, 1988

32 Pages \$2.00

Vic Clark Chapter Mobilized! All Eyes on Fall Convention

McLean, VA, July 7 - Almost daily conversations are underway between HQ, the Vic Clarke Chapter officials and the QCWA Officers and Directors, working to make certain that the 1988 International QCWA Convention becomes the standard for all who follow.

All of the regular features of past QCWA Conventions will be present with some very important plus doings too!

The latest addition was announced this past Friday, with Stuart Meyer, W2GHK announcing that policy making personnel of the Federal Communications Commission will be on hand to take part in a Forum! This is something you won't want to miss.

The Chapter has plans to pick up members who fly into the Capital area. You will want to firm up your plans and obtain airline reservations as soon as possible so that you can take advantage of this service. If you are driving and forgot your coon-skin cap, the map (page 45) furnished by Vic Clark Chapter should get your right to the front door without trouble. You can get bailed out of real trouble on 146.55 simplex or on the 146.31/91 repeated, or 146.91

The most important thing is to make your firm reservations for space at the McLean Hilton (see page 44) and to reserve with the Convention Committee. It is reported that this 1988 Convention will be a record breaker-register now!

WEST HARTFORD, CT, July 4, 1988 - The 1989 QCWA election will be upon us before you know it. QCWA President Leland Smith, W5KL, appointed an nominating committee to provide a slate of candidates for the election. The nominating Committee, headed by Joe Moskey, W1JMY, is working at this very moment to get this important job as near done as possible so that it may report to the QCWA Board at the McLean meeting.

The 1989 election will see election of four officers: President, Vice President, Secretary and Treasurer, as well as five Directors. To say that this is an important election is to be guilty of understatement. The past few years have devoted many hours to the effort. It is important that this momentum be maintained.

If you know qualified, eligible members who would serve QCWA if elected, get in touch with Joe Moskey right away. We need your help and theirs.

IRVING, TX, June 29 - QCWA Vice President, Hugh Winter, W5HD, has consented to prepare a series of vignettes dedicated to bringing the achievements of the great scientists, inventors and mathematicians to the pages of the QCWA Journal. The articles will attempt to show the human side of these giants of the past. The first of the series is expected for the Fall QCWA Journal.

IRVING, TX, July 8 - QCWA Headquarters is working to set up a series of technical acquaintance articles. Not how-to, nor will they be excessively mathematical, but rather, given to providing insights about technical matters for which we all have working knowledge but are thin on basic concepts. These are expected to start in the Fall issue of the QCWA Journal. Each article will be a joint effort between headquarters and a QCWA member. If you are interested in being a consultant on certain phases of electronic art, drop a line to Editor, QCWA Journal.

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QCWA ON THE AIR MEETING

CW, each Wednesday Evening

8:00 PM, Eastern Time, 7035 khz

NCS Alternating - W5QU / W4PI

QCWA ON THE AIR MEETING

PHONE, SSB, each Sunday Afternoon

2000 GMT, 14347 KhZ,

NCS - W6FQ

QCWA HEADQUARTERS ADDRESS

QCWA, Inc.
1409 Cooper Dr
Irving, TX 75061-552
Telephone 214 438 8038



Quarter Century Wireless Association, Inc.



HONOR AWARDS

QCWA HALL OF FAME

1980	MR. RAY MEYERS, W6MLZ
1981	MR. BILL HALLIGAN, W9AC
1982	MR. BARRY GOLDWATER, K7UGA
1983	MR. JEAN-B. WOLFF, LX1JW
1984	MR. DON WALLACE, W6AM
1986	MR. GEORGE STERLING, W1AE
1987	MR. VICTOR CLARK, W4KFC

DISTINGUISHED SERVICE AWARD

1975	MR. A. L. WALSH, W2BW
1979	MR. MARK DEVANEY, K4IDC

MEMBER OF THE YEAR

1979	MR. ED TROMBLEY, W8CAM
1981	MR. LEW SIECK, K4NE
1982	MR. HERB GLEED, W6FQ
1984	MR. BERT GUNN, W5FU

ROLL OF HONOR

1981	MR. JOHN DIBLASI, W2FX
1981	MR. GUS GIRONDA, W2JE
1985	MR. BUD WAITE, W2ZK
1986	MR. EARL THOMAS, W2MM
1986	MR. RALPH BARBER, W2ZM
1987	MS. ETHEL SMITH, K4LMB

JOHN DIBLASI AWARD

1984	MR. HAL SEARS, W5NC
1986	MR. OWEN GARRIOTT, W5LFL



The QCWA Journal

Volume 37. No. 2

Summer, 1988

OUR PRESIDENT'S MESSAGE

In the last issue of the Journal, I discussed the idea of a permanent headquarters for QCWA and indicated reasons we need to be preparing now for that eventuality.

The response since then has all been favorable. Accordingly, the outline of a proposed fund raising program extending over several years, during which every member and chapter will have opportunities to participate, will be presented to the Directors at the September Board meeting in McLean, Virginia. If you have suggestions, comments or would like to be part of the fund raising effort for this endeavor, let us know as soon as possible.

Since publication of the Spring, 1988 Journal, we have received the written report of the on-site Internal Revenue Service examination of the QCWA organization, accounting procedures and objectives. I am glad to tell you that QCWA continues to be recognized as a tax exempt not-for-profit charitable, educational and scientific organization operated in the public interest. However, it is clear that in addition to our Silent Key Memorial Scholarship program, we need to do more "Elmer", Volunteer Examining and Public Service work. Chapters and at large members are urged to increase local participation in these areas and periodically report efforts and accomplishments to Headquarters for inclusion in the Journal.

73. Leland Smith, W5KL

PAST PRESIDENTS

Mr. John DiBlasi, W2FX*	1947-1964
Mr. Earl R. Thomas, W2MM*	1965-1968
Mr. Clarence Seid, W2KW	1969-1971
Mr. Barry Goldwater, K7UGA	1972-1973
Mr. Frank A. Gunther, W2ALS	1974-1977
Mr. Harry S. Gartsman, W6ATC	1978-1981
Mr. Stuart Meyer, W2GHK	1982-1985

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Mr. Gus Gironda, W2JE	1965-1973
Ms. Ethel Smith, K4LMB	1973-1976

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Ruth Chance, K5YL	Office Secretary
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Clarence King, Jr., K6HPW	Life Member Rcd

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Blanche Randles, W4CXZ	QCWA Taping Coordinator

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QCWA NEWS is published by the Quarter Century Wireless Association, Inc., 1409 Cooper Drive, Irving, TX 75061-5527, under authority of the Board of Directors.

Edited by: Ted Heithecker, W5EJ

Mailed as 3rd class material, Dallas, Texas, Permit Number 8167.

The QUARTER CENTURY WIRELESS ASSOCIATION was founded December 5, 1947, and is incorporated in the State of New York, as a Not-for-Profit Organization.

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QCWA International Convention, 1988



JOIN YOUR FELLOW MEMBERS AT THE
1988 INTERNATIONAL QCWA CONVENTION
IN THE GREATER WASHINGTON, D C AREA, SEPTEMBER 23-25
A TRULY GREAT PLACE TO VISIT IN THE AUTUMN!

The 1988 QCWA Convention is to be hosted by the Vic Clark Chapter #91. The Hotel is in the Virginia Suburb of McLean. Transportation from Dulles and Washington National Airports is via Chapter members (see next page) or private taxi. There are scores of tours to interesting places available as well as many historical spots to visit. Cruise on the Potomac or visit any of ten Smithsonian Museums. There is too much to list. Write: The International Visitor Information

Service, 733 15th Street, NW, Suite 300, Washington, DC 20005 for their brochure which gives lots of general information. Then you may wish to follow up by inquiring about specific tours, landmarks, historical sites, etc. On the form below, please indicate if you would be interested in a special tour of the NASA Goddard Space Center immediately before or after the convention (Wednesday, September 21 or Sunday, September 25).

REGISTRATION FORM -- CUT ALONG DOTTED LINES PLEASE

Name _____	Call _____	XYL First Name _____
Address _____		
No. & Street _____	City _____	State _____ Zip _____
QCWA Member - - - - -	\$ 7.00	Amount _____
Member & XYL - - - - -	\$ 8.00 for both	Amount _____
Additional Guests - - - - -	\$ 4.00 each	How Many? _____ Amount _____ Name(s) _____
Saturday buffet breakfast - - -	\$ 12.00 each	How Many? _____ Amount _____
Saturday Evening Banquet - - -	\$ 22.00 each	How Many? _____ Amount _____
(Tax & Tips included in above prices)		Total Amount Enclosed _____

Possible NASA Tour:	
Wed _____	Sun _____
Not Interested _____	

Make check payable to Vic Clark Chapter, QCWA, mail this form and check to

James M. Wilcox, K4JAP, 3442 Surrey Ln, Falls Church, VA 22042

Pick up your function tickets at the Registration Desk. Mailed only upon request with SASE

QCWA Convention Coordinator

Wesley Randles, W4COW

1988 QCWA Convention Chairman

Jack Kelleher, W4ZC

Convention Co-Chairman

Elmer Jones, K4EUX

Convention Secretary

James Wilcox, K4JAP

3442 Surrey Ln, Falls Church, VA 22042

Convention Treasurer

Jack Kingman, W4JT

Technical Program Chairman

Stuart Meyer, W2GHK

The Convention site, the McLean Hilton, offers rooms, single or double occupancy for \$59.00 plus taxes, from September 21 - 25, 1988. If you are interested in the more expensive "Towers" accommodations, inquire about rates, etc., of the Hotel via phone or letter. Cut out the hotel registration form at the right. Be sure to get it to the hotel by not later than September 2. Also, at least one days room rent (check or credit card) must accompany the registration form.

MAIL TO:

The McLean Hilton (Reservations)
7920 Jones Branch Drive
McLean, VA 22102

Be sure to mention "QCWA Convention" in any inquiry

Hotel Phone is 703 847 5000

Hotel will send acknowledgement and a map

ROOM RESERVATION CARD

Name _____		
Company Name _____		
Address _____		Telephone _____
City _____	State _____	Zip Code _____
Arrival Date _____		Time _____
Departure Date _____		Time _____
Credit Card # _____		Expiration: _____
<input type="checkbox"/> Amex <input type="checkbox"/> Visa/MasterCard <input type="checkbox"/> Diners/Carte Blanche		

Rooms will be held until 6PM unless guaranteed with an accepted credit card. Check-in time is 2PM. Check-out time is 12NOON. Please circle accommodation requested.

QUARTER CENTURY WIRELESS ASSN.
September 21 - 25, 1988

Please check desired room type:
___ Single-\$59 ___ Double-\$59

CUT-OFF DATE: September 2, 1988

If a range of rates is offered, and rate requested is not available, the next available rate will be assigned. Room charges are subject to Virginia State and Fairfax County taxes (currently 6.5%).

Reservation requests should be received two weeks prior to arrival date to insure availability.

The *Towers* is a private floor consisting of distinctive guest rooms and suites, featuring private lounge, concierge staff, and numerous special amenities.

Single: _____ Double: _____ Suites: _____

YOU DON'T HAVE TO BE A DANIEL BOONE TO FIND THE McLEAN HILTON!

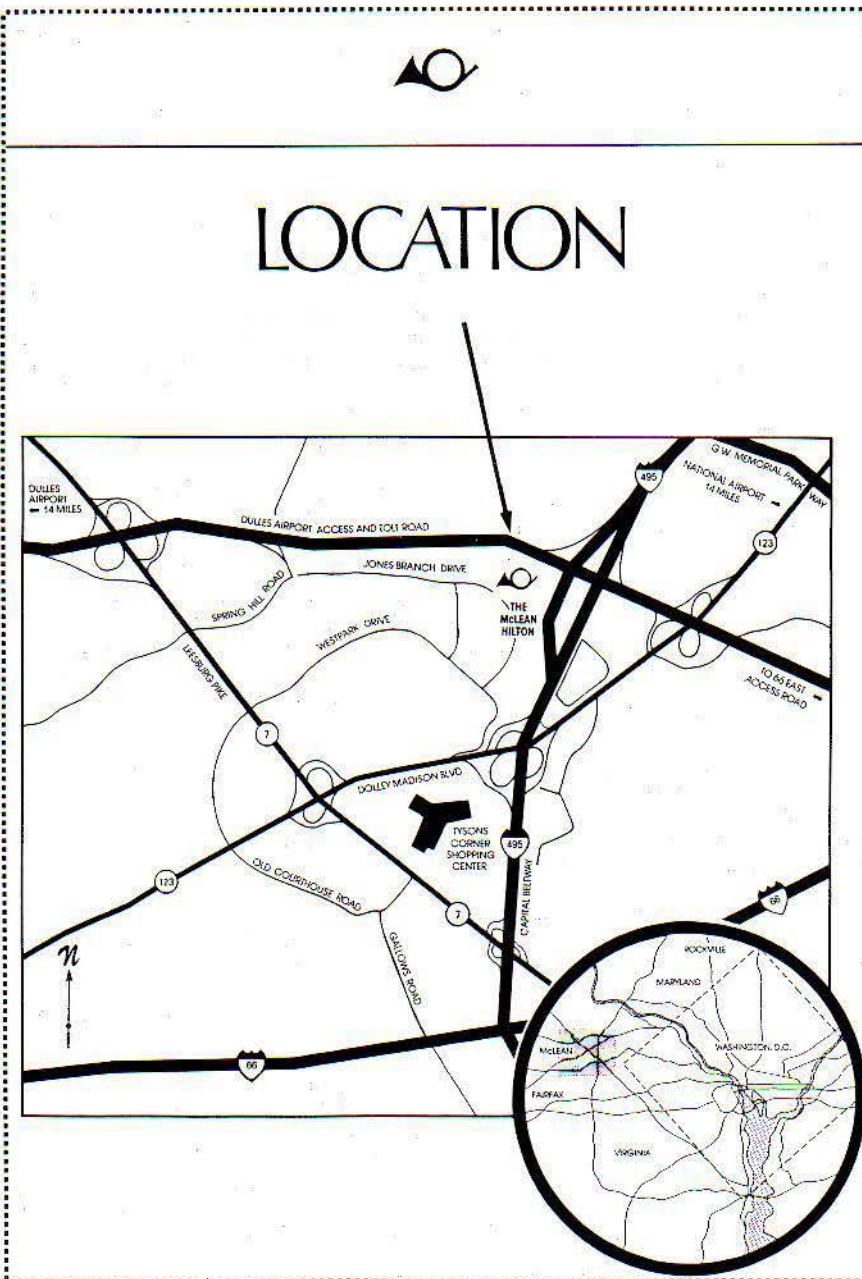
At right, a map showing the location of the McLean Hilton with respect to the major freeways and interstate highways. The Hilton is located near the junction of I-495 and Dulles Airport Access Road!

While staying at the McLean Hilton, you have at your fingertips an inexhaustible array of cultural and recreational opportunities--many of which are unique to the McLean area.

You are surrounded by the fashionable neighborhoods and beautiful countryside of McLean. Right nearby at Tyson's Corner you'll find major department stores, specialty shops and boutiques, movie theaters and night spots. Wolf Trap Center for the Performing Arts, just down the road, offers a wide choice of first-class entertainment, while the Sully Plantation provides a look into Virginia's rich heritage.

The vital conveniences abound here. Look at the long and impressive list of locational advantages:

Washington Dulles Airport - 15 minutes
National Airport - 25 minutes
Washington DC - 20 minutes
Metrorail Service at Falls Church Station - 10 minutes
Georgetown - 25 minutes
Historic Old Town Alexandria - 30 minutes
Blue Ridge Mtns - 45 minutes
Capital Beltway - 2 minutes
Interstate 66 - 3 minutes
George Washington Memorial Prkwy - 5 minutes
Dulles Access & Toll Roads - 2 minutes



TRANSPORTATION - Local QCWA members will provide transportation from the airport, to the extent of our resources. To assist us, please indicate with your conference registration form the arrival date, airline, flight number, airport and ETA.

COMMUNICATIONS - There will be a full-time incoming telephone in the registration area. Call 703 761 5160 for help or information!

We hope to have a 2-meter transceiver at the hotel. The simplex frequency is 146.55 MHz, and the best repeater is the Tysons's Corner 146.31/91.

DIETARY CONSIDERATIONS - The Banquet entree will be grilled breast of chicken with rosemary lime sauce, and the usual fixin's. If you have any special dietary requirement or limitation, please inform us with your registration

PROGRAM NOTE - Stuart Meyer, W2GHK, is working hard on the technical program for Friday and Saturday, among other outstanding features.



GET YOUR RESERVATIONS

IN AS SOON AS POSSIBLE

TO INSURE SPACE

RESERVATIONS!

VIC CLARK CHAPTER NEWS BULLETIN - QCWA 1988 NATIONAL CONVENTION - HEAR THIS!

1988 CONVENTION TECHNICAL PROGRAM CHAIRMAN ANNOUNCED THAT THERE WILL BE AN FCC FORUM!

Stuart Meyer, W2GHK, Technical Program Chairman has announced that the FCC will be represented in a "Face the Members" forum, Friday Afternoon, 2:30PM, as a part of the 1988 Convention. Now is the time to get answers to some of the matters that worry us all. Load up, be prepared to "Get the Facts". Don't miss the Forum - Don't miss the Convention --- If you haven't registered now, do it today!!!

Three FCC Representatives plan on being present - Ralph Haller, N4RH, Chief of the Private Radio Bureau; Robert A. McNamara, Chief, Special Services Division and John Johnston, W3BE, Chief, Personal Radio Division. This is a pretty special group of policy makers. You will want to see and hear what they say!

NO CODE? OOOH BOY!

We are perfectly aware that the above heading might incite a few to riot -- before you load your gun and come hunting, read on to the end. It can't hurt to see what follows, and it has the side effect of keeping the editor nervous, awaiting the 'shot across the bow'.

I don't believe there is a single active amateur who isn't aware of the nearly daily efforts of commercial interests to take over some of the electromagnetic spectrum space allocated to us. They have not always been successful, but that is changing. Amateurs are notoriously individualistic and find it hard to reach an agreement between themselves regarding what is best for the Service. To achieve the greatest impact, amateurs must engage in dialogue so that all may be heard and a real effort be made to find areas of agreement, and areas that are negotiable. Those who are in the fight to maintain the Amateur Service need guidance, and even more, need to know what sort of support they can expect from the majority of we licensed amateurs, as attempts are made to negotiate the best possible arrangement for all of us.

There are several schools of thought among amateurs regarding what is needed to revitalize the Amateur Service. One school says -- "we must have no-code entry licensing to attract young people, amateur populations will remain static until we eliminate the code requirement".

Another school holds that "No-code licensing will end amateur radio as we know it -- the bands will become CB all over again -- new amateurs must earn the privilege, they won't appreciate it if we give it to them". "If young people won't work to learn the code, then they won't be worth much as amateurs anyway".

All shades of opinion exist between the two extremes and, somewhere there is a area in which a majority could reach general agreement, which might just provide some negotiating room. The only way we can find out is through face to face, candid discussion. Amateur operators have better than average ability, and when they have an overview of problems and/or proposals, are perfectly able to balance pros & cons, and come up with an opinion based on facing facts, not fancy or prejudice. There does seem to be general acceptance of the fact that Amateur Radio must increase its numbers substantially, or face oblivion.

It might be well to set some of the more obvious problems out, giving us a view of the range of problems.

- (1) that of mounting and sustaining a steady and significant growth;
- (2) that of attracting and keeping young people into the amateur ranks;
- (3) bringing the rank and file amateur into realization that if he

wants to continue his hobby, he must become aware that the future of amateur radio is in his hands.

Other high priority areas exist but the above are certainly among the prime areas that we must attack.

I want to inject here a personal feeling -- awareness of numbers by our political representatives is well known. In 76 years of amateur licensing, we have attained a total of about 450,000 amateurs. An average growth of about 6,400 per year. This must be strikingly increased. I believe that a growth of 20% per year might be attainable -- if we work like beavers --. I further believe that if we are to make a ripple in the legislative area, growth approximating this magnitude must be attained and maintained. Even with that, we only double our ranks by 1993.....a better goal that can be reached might be:

THE 80th ANNIVERSARY OF AMATEUR LICENSING WILL OCCUR IN DECEMBER, 1992. LET'S SET A GOAL OF A MILLION HAMS BY '92!

Such growth can only be attained if a majority of we hams reach a clear consensus, and all work to enroll new members into the fraternity. Let us talk together, work together, and then take part in the re-vitalization of the amateur service. We could reach it if each of us, on the average, enlisted one new amateur in the next three years. Not impossible! Of course not, but it does require dedication! Remember, QCWA can't do the job by itself, but if it wants to spear-head a project, we've lots of talent and we've been amateur radiomen long enough to know that it's worth the effort. We can sure make a racket and we have the prestige to impress all with the need -- provided we can convince ourselves that a need exists!

The Editorial Pages of the QCWA Journal are open to your thoughts -- Do you believe that added amateur population is needed? Lets hear why you believe CW is important, and lets hear some reasoned rebuttal comments, similarly, lets hear of the opinion of those who feel that growth can only be attained by dropping the old CW requirement. Let's hear some completely new ideas for increasing the number of amateur license holders and, for the great middle group, give us your thoughts, your fears and actions that you believe might contribute to the growth of the Amateur Service. There may be one idea, not yet voiced, that would go a far toward helping QCWA determine what the majority of us feel is necessary to strengthen Amateur Radio and what we can do to achieve that end! That one idea may be the one you have -- send it to us now! Write to "The Editor, QCWA Journal".

CONGRESSIONAL RESOLUTION SUPPORTS AMATEUR RADIO HELP OF QCWA MEMBERS IS REQUESTED

Congress has become involved in the ARRL's fight to preserve amateur frequencies, especially the entire 220 MHz band presently threatened by FCC D 87-14. A resolution has been introduced in both houses of Congress which expresses the "Sense of Congress" that it supports Amateur Radio and its frequency allocations as vital for emergency communications and public safety purposes. The resolutions, Senate Concurrent Resolution 127 and House Concurrent Resolution 317, were introduced by California Senator Pete Wilson and Representative Robert Dornan of California's 39th District.

"Sense of Congress" Resolutions are not legally binding, but indicate Congressional opinion on a subject. In order for a Resolution to pass a majority of each house must agree to be cosponsors -- 218 Congressmen and 51 Senators.

This is where we can help -- write immediately, your Senators and Congressmen, asking them to cosponsor Senate Concurrent Resolution 127 and House Concurrent Resolution 317. Your letter should point out public service activities of amateurs in your area. There is no doubt that the resolutions, if passed, would influence the FCC and other policy makers in Washington, discouraging future attempts to take over allocated amateur service frequencies. Write Today! PLEASE HELP!

HERE'S A CHANCE WE DON'T GET EVERY DAY -- SOME OF OUR CONGRESSMEN ARE INTERESTED IN US. ENCOURAGE THEM BY WRITING TO THEM -- TODAY -- ASK THAT THEY ENDORSE THE CONCURRENT RESOLUTION(S). Senate Resolution 127, House Resolution 317. YOUR LETTER MAY DO THE JOB!

THE RESPONSIBILITIES OF ONE GENERATION TO ANOTHER

The American family is an anachronism. What nostalgia-crazed Americans idolize as the traditional family went out with Ozzie and Harriet. Who wants to have a doddering grandparent in the back bedroom? Who wants to spend hours with confused and rebellious teenagers, their bodies ablaze with hormones, cajoling them into learning algebra or rejecting drugs? Life is too short to spend it burdened with nurturing young minds, or caring for old feeble bodies. Making a living these days takes too much time to allow for family life like it used to be.

It is time for the people and their government to face reality. Families are passe. Government programs must henceforth be directed toward relieving prime-age wage earners, also our prime taxpayers, of their familial burdens by designing better institutions to replace what the old-fashioned family used to do.

Can you imagine a candidate for president of the United States making this speech? Of course not. If there is one issue on which all candidates seem to agree, it is for the need to return to "traditional American Values," especially the family. There is no problem, we are told, from drugs to teen-age pregnancy to infant mortality that cannot be cured by parents doing their duty to their children, and children doing their duty by parents.

True enough. There is no substitute for quality time, spent with children, loving, teaching, drawing boundaries between right and wrong. But time is a precious commodity these hurried days. To duplicate what our own parents achieved requires both mothers and fathers to work. Getting ahead requires long hours, resulting in pressure, anxiety and exhaustion. Add in a little well-deserved time to ourselves, and when is there time for kids?

And if there is no time for kids, there is certainly no time for the old. Kids, at least, belong to the future. There is pride to be felt in seeing a child grow into manhood or womanhood. Babies are an adventure. With the old and the infirm, there is only the unpleasant, to many the unbearable, promise of what awaits us all. There is the agony of watching loved ones, once strong and vital, decay into someone we cannot recognize.

Americans now in their 40s and 50s were fortunate to have grown to adulthood at a time when Ozzie and Harriet were the ideal. It may have been a grossly exaggerated ideal, but the family as a close unit extending backward and forward from one generation to the next was still the foundation of American society. And those families were grounded in clear, simple ethics of right and wrong, of duty, honor and community.

There was some understanding that one generation should not steal from another. Buying a lifestyle beyond your means with debts to be passed on to another generation was wrong. Parents had a first responsibility to their offspring, working and saving to provide them a better future. And the offspring carried a responsibility to their parents for having given them life and succor. And all understood the social imperative for the biblical command to "honor thy father and thy mother."

Voluntary intergenerational responsibility is a concept fast fading. The elders vote to take an ever greater share of their children's livelihood to provide what they fear will not be, or cannot be, freely given.

Politicians who would recoil in horror at the speech of the imaginary presidential candidate proffer their solutions to the national ills: more and better funded institutions; more day care to relieve parents of the responsibility of parenting; more

nursing homes to keep grandparents out sight; drug programs to persuade kids to do what parents should be forcing them to do; more tutoring programs and longer hours at schools to do what parents should be overseeing at home.

Perhaps it is just as well. Too many modern parents would tell their children that right and wrong are mostly unknowable. They would teach that life is a journey of moral discovery where each person works out a code best suited to his or her preferred lifestyle. Too many would tell children to look out for No. 1, that pain and suffering and failure are often the fault of others, and that they need bear little responsibility for their own actions.

Worst of all, we live in a world where the miracle of life has lost its wonder. It is possible to believe a woman should have the right to choose an abortion and yet weep bitterly that so many women have held life so cheap, and their own pleasure so dear, that they would snuff out 15 million unrealized lives.

It is a depressing world where the miracle of birth and growth and fulfillment and even death is seen less the object of life and more an interruption of life.

The words of the fictitious candidate all too accurately portray modern America. The resurrection of the family does not require more government programs or more institutions. The resurrection of the family awaits a profound change in the minds and hearts of Americans. A reacceptance that the family is the end, not the means. And a reacceptance of such outmoded concepts as duty, honor, personal responsibility and self-discipline.

This guest editorial was written by Scott Bennett, Editorial Writer and Columnist for the Dallas Morning News. His editorial, printed here with permission, appeared on the editorial page of the Morning News for June 16, 1988. Scott is not an amateur radioman but we'd sure like to get him licensed and on the air! He can be contacted at:

Editorial Department
Dallas Morning News
Dallas, TX 75265

The complete text of the Concurrent Resolutions, almost identical, is:

Senate Concurrent Resolution 127
CONCURRENT RESOLUTION

Whereas, more than 435,000 radio amateurs in the United States are licensed by the Federal Communications Commission upon examination in radio regulations, technical principles and the International Morse Code, and

Whereas, by international treaty and the FCC regulation, the amateur is authorized to operate his or her station in a radio service of intercommunications and technical investigations solely with a personal aim and without pecuniary interest, and

Whereas, among the basic purposes for the Amateur Radio Service is the provision of voluntary, non-commercial radio service, particularly emergency communications, and

Whereas, volunteer amateur radio emergency communications services have consistently and reliably been provided before, during, and after floods, tornadoes, forest fires, earthquakes, blizzards, train wrecks, chemical spills, and other disasters, Now therefore, be it

Resolved by the Senate (the House of Representatives Concurring) That it is the sense of the Congress that--

1) It strongly encourages and supports the Amateur Radio Service and its emergency communications efforts, and

2) Government agencies shall avoid actions which would reduce amateur radio frequency allocations used for these purposes.

This material excerpted from the ARRL LETTER, dated July 5, 1988. Appreciation is extended to the American Radio Relay League.

THE WAY IT WAS

Ted Heithecker, W5EJ

This story deals with amateur regulations that were adopted immediately after WW-I and are presented as a review to those who might be interested in where we were in 1924. Additional stories will appear which will end up with current amateur regulations.

DEPARTMENT OF COMMERCE BUREAU OF NAVIGATION WASHINGTON

July 24, 1924

All Supervisors of Radio
Sirs:

Effective this date you are authorized to issue general and restricted amateur radio station licenses to permit the use of any one or all of the following bands of short wave lengths:--75 to 80 meters (3.75 to 4.00 MHz), 40 to 43 meters (7.00 to 7.50 MHz), 20 to 22 meters (13.64 to 15.00 MHz), 4 to 5 meters (60 to 75 MHz), in addition to the band 150 to 200 meters (1.50 to 2.00 MHz), provided application is made by the owner of the station, which station must be prepared to use the wave length, or wave lengths requested.

The use of continuous wave telegraphy only will be permitted on wavelengths other than 150 to 200 meters and the antenna circuit must not be directly coupled to the transmitting circuit.

Silent hours will not be required of amateurs while using the wave lengths within the above bands below 80 meters except where the transmitting station is so situated as to produce objectionable interference with other services.

Hereafter special amateur stations will not use wavelengths above 200 meters. They may be authorized to use the band of wavelengths from 105 to 110 meters in addition to the wave lengths within the bands authorized for general and restricted amateur use, where the special amateurs are engaged in conducting tests with government or commercial stations.

General restricted and special amateur stations will be permitted to use the entire band of wave lengths from 150 to 200 meters employing pure CW, spark and modulated forms of transmission.

It should be made clear to the amateurs that the authority granted above is necessarily tentative because of the rapid development taking place in radio communication and the bands of wave lengths authorized may be changed whenever in the opinion of the Secretary of Commerce such change is necessary.

/s/ D. B. Carson, Commissioner

Approved:

J. Walter Drake,

Asst Secretary of Commerce

The ARRL commented, at the time of release of the authority: "We received the short-waves largely because we were willing to give up the waves above 200 meters, which are

useful to other services. Everything in these regulations is on a "till-further-notice" basis and is subject to change without warning. The Bureau did not want us to have to wait until the September Conference to get the use of short waves, but it should be understood that conference will rehash the general matter of wavelength allocations and changes may result. It is our duty to occupy the newly-authorized areas immediately, to get as much experience therein as possible by late September, and to report this experience promptly to ARRL Headquarters so that dependable data will be available when amateur requests for short waves are under review at the conference to be held in Washington at that time.

Let's get busy and make the most of our new world."

TABLE OF FREQUENCIES AUTHORIZED

1500	-	2000 kHz
3750	-	4000
7000	-	7500
13640	-	15000
60000	-	75000

The above material was taken from the pages of QST, the issue of September, 1924. The publication had a lead time of about two months, as may be noted. The Fall issue of the QCWA Journal will present the outcome of the "Third National Radio Conference for the Better Voluntary Regulation of Radio" called for September 30, 1924 by Secretary of Commerce, Herbert Hoover. The existing law governing radio allocation (1924) placed no limits on the wavelengths to be used by amateurs below 200 meters. The authority listed above was strictly an interim matter, lawful, but temporary.

RADIO CALLBOOK VISITED BY PIXIE

The Radio Amateur Callbook Supplement for 1988 is reported to have an error. A programming error caused all Novice licenses to be incorrectly shown as Advanced Grade. The effect is that the supplement, Vol 66, No. 2, cannot be used to determine license class of those licensees.

QCWA HEADQUARTERS REQUEST

Headquarters is asking all members, and all QCWA Chapters to make an effort to obtain the license, or a copy of the license, of each QCWA Member who becomes a Silent Key.

These copies will be filed with the permanent record kept for each member. This material, together with obituary notices being sent by many Chapters, provides a very important store of information which may have an important part in archival research on amateur radio operators in future years.

It is also requested that, where possible, the cause of death of a member be included in the material submitted for our archives. This too may, in future years provide information of importance to researchers who may be working in such areas of interest.

BATON ROUGE, LA, July 4 - The Baton Rouge Chapter of QCWA (109) has been named the sponsors of the 1989 QCWA Convention. Planning for the convention has already begun!

RESTRUCTURING PART 97 of FCC RULES

Ever since the proposed restructuring of Part 97 of the Rules of the Federal Communications Commission surface in Docket 88-139, released April 13, 1988, we have been reading the document endeavoring to assimilate the changes proposed. It hasn't been easy, and it is probable that we have overlooked important nuances. There are two areas that strike me as points which should be carefully considered before we swallow the medicine prescribed by ?.

The first is the matter of defining the Amateur Service. I simply don't like the word Amateur. Used for years and accepted by most of us unthinkingly, but nevertheless, if we are restructuring all of the points that have been juggled, then lets restructure the definition of our service. I have looked at the definition of "Amateur" and in part it is "amateur is one who does something for the pleasure of it rather than for pay and often implies a relative lack of skill". The definition of our service as Amateur simply is only partly true and in part tends to imply that we are stupid oafs incapable of operating by the same rules that apply to professionals. Incidentally, the term "professional" may be applied to an amateur if the same duties are performed but money is received for the effort expended. In other words, a professional is a professional because he gets paid for doing what an amateur does free of charge. We need to upgrade our standing and to get entirely away from passive acceptance of a description which implies that we lack skill!

The second matter, much more serious, is the proposal by our representatives, to limit

97.221 RESTRICTED OPERATION. The FCC may restrict operations as necessary to prevent harmful interference. THAT'S ALL THERE IS TO IT BUT OH, MY GOD, WHAT A PUNCH IT MIGHT PACK!

amateur radio activity. Admittedly, the proposed rule is simple: 97.221 RESTRICTED OPERATION. The FCC may restrict operations as necessary to prevent harmful interference. That's all there is to it but oh, my God, what a punch it might pack. As we sat here reliving the 1920's when silent hours were required, all sorts of possibilities occurred to us. So many

RESTRUCTURING PART 97. CONTINUED

that, becoming ashamed of ourselves, we were about the hope for the best, in spite of the implied threat that the FCC might just take you off the air if you caused a neighbors garage door to open when you hit the key on 20 meters. There was, after all, a chance that the Commission would act responsibly, and that amateurs would not be penalized for interference experienced by inferior equipment being operated near an amateur station. Well, this euphoria was abruptly broken upon receipt of word, admittedly second hand, of a statement by a representative of the Federal Communications Commission. In part, the statement says. . . . if an amateur is on the air and wiping out 500 homes because the ham is getting into a cable TV system, one of the immediate ways to rectify that problem and pacify the town council is to ask the Amateur to shut down. Generally the first approach is the voluntary approach. This (quiet hours) would be a secondary approach and one that we hope would not be long term. That is the intent to give immediate relief to a very tough situation.

What we see here is the Commission taking the stand that it can modify your license, without hearing, giving absolutely no consideration as to whether or not you are guilty of causing interference. You will note that the rule, as written, does not limit the FCC authority, or set up safeguards and procedures to insure that "temporary measures" remain just that, temporary. The stand taken here by the Commission can effectively deny you the right to operate under a license granted by the FCC. . . . through no fault of your own. They have recognized that interference (RFI) to inferior equipment can and does exist, and that the easiest way to fix it is to take the amateur off the air.

My first experience with RFI in the big leagues came about 1964, when my firm was employed by a low VHF Television Station in Pennsylvania to investigate complaints that portions of the Grade A and Grade B signals were being interfered with inside the city limits of certain towns. It was believed that local cable TV operations were causing the problems. Our investigations, which were detailed, found that the local Cable TV system was leaking energy, adjacent channel to our clients signal, great enough to cause objectionable interference. Proof of this matter eventually brought corrective action by the Cable TV group. Now - in the example quoted by the FCC representative above, wherein hypothetically a "ham" gets into a Cable TV system and wipes out 500 viewers -- not a word was said about the fact that the Cable TV system was probably at fault, that poor terminations and/or drops permit a strong nearby signal to get into the cable system, not through the fault of the "ham" but through the fault of the Cable TV system, who will do nothing as long as they can, forever, if possible! The problem is, that the rule as written, and the Commission Representatives own discussion lead us to believe that Amateurs may have their license modified, be required to go silent, through the failure of others to maintain equipment properly. And, the Amateur does not appear to have any way to demand or require that the cause of the problem be determined and corrective action taken by those who are responsible.

AFTER ALL, WHEN THE HAM WENT SILENT THE PROBLEM STOPPED. OBVIOUSLY THE CAUSE WAS THE HAM -- AND THE CABLE TV GOES MERRILY ON, WITH LEAKING COAXIAL LINES -- SUBJECT TO RFI AND RADIATING ILLEGAL LEAKAGE SIGNALS - BY DEFINITION, HE IS A PROFESSIONAL - BY THE FCC'S ACTION THE HAM IS A SUCKER!

The Federal Communications Commission, by eliminating the hypothetical problem through taking the amateur off the air has, by implication, fixed the guilt for the problem in the mind of the public. After all, when the ham went silent the problem stopped. Obviously the cause was the ham -- and the Cable TV goes merrily on, radiating illegal leakage signals - by definition, he is a professional - by the FCC's action, the ham is a sucker!

The Federal Communications Commission has had authority for a long time to establish standards for manufacture of consumer products which would, in large part, permit such products to operate in the environment in which they are placed. The FCC has consistently refused to use that authority. As long ago as 1967 responsible engineering firms were urging the FCC to take steps to inaugurate rules and standards to insure that consumers would be assured of the satisfactory operation of electronic devices purchased by them in good faith. The FCC has stood firm. No such standards have appeared, and

it does not now look like we will see them in the 20th Century. Is it too unreasonable to inquire why this is so?

The opinions expressed herein are those of the Editor and do not reflect the opinions of the Officers, Board Members or Members at large of the Quarter Century Wireless Association.

ANOTHER VIEWPOINT re REALLOCATION AT 7 & 10 MHz

Joe Veit, WA4EHD
401 Patton St, Morganton, NC 28655

I have just finished reading the article by Jim Gundry, W4JM, on the possibility of reallocating portions of the 40 meter band.

When you read the preamble portion, it sounds like a very good idea--however, the further you read, the more you have to realize that his article is merely a screen to get more phone operating privileges for Advanced and General Class hams, and less for those who use digital communications, such as RTTY, AMTOR, ASCII and Packet. It's a neat little trick if we let him get away with it.

It is my understanding that two ARRL directors are behind this, but it my considered opinion that the idea stinks. I wonder why people have to try to change things? Sometimes these suggestions come from a remark made on the air, such as "Gee, I wish we had more room for SSB!" So having a bit of an inside track, said self-made rule change instigator says "I can do something about that, and proceeds to try to foul up some more of our ham bands".

Packet is the coming thing - it is already here, but has not begun to see its full potential. No, I am not a Packet man, but I do work RTTY and enjoy it - we have approximately 25 kHz on 40 meters and now some 2-letter ham that should know better wants to take that away from us.

And, I am also against his idea for changes on the 10 MHz band. For God's sake, leave well enough alone and quit meddling.

7 MHz is a Mess!

Robert R. Creason, W5XR
4935 Tobosa, Las Cruces, NM 88001

In reference to the comments on the 40/30 meter bands and the next WARC made by Jim Gundry, W4JM, in the Spring, 1988 issue of the QCWA Journal. I would like to make the following comments:

I agree, the 40 meter band is in a mess and has been for some time. We have complained about the foreign broadcasters for years now with no results. Perhaps some re-allocation might help. However, the allocation proposed by Jim has completely left out consideration for digital modes other than CW (i.e., Packet, AMTOR, RTTY, etc). The packet activity from 7090 to 7100 has grown substantially in recent months and will continue to explode. This is working out to be an excellent spot for message and data transfer for ranges up to 300 miles in the afternoon and ranges of 500 to 1000 miles at night. Elimination of the Extra Class segment would help. I would suggest the proposed 7100-7150 kHz segment (or at least part of it) be further restricted to RTTY, AMTOR, ASCII & Packet modes.

The comments about 30 meters are of more concern to me. The use of the 10140 kHz and above for packet is in very heavy use now and will continue to grow. Other digital modes will continue to fill the frequencies below 10140 in the immediate future. A small segment for Novice operation might be a good idea, but I think the 30 meter band is much too small to even consider a phone segment.

I'm not suggesting that Packet be given special consideration over other digital modes, but Packet has opened up new information transfer capabilities never available to the amateur before and I think its use will expand the way FM has on VHF. Unfortunately, Packet is very susceptible to QRM and should not be forced into a smaller band segment with CW. Both CW and especially Packet would suffer.

QCWA ACTIVITIES

1988 QSO PARTY - CW PORTION SCORING

NO.	CALL	CHP	SCORE	QSO	X	NO.	CALL	CHP	SCORE	QSO	X
1.	K1IU	AL	50,270	457	110	77.	W8EAR/7	21	2,418	62	39
2.	K9CLO	AL	31,164	318	98	78.	W9CIB	2	2,340	60	39
3.	W4WKQ	84	28,518	294	97	79.	W9GIL	55	2,310	55	42
4.	W6ASH	11	27,664	304	91	80.	W1GKJ	134	2,050	50	41
5.	W2RRY	81	25,935	285	91	81.	W3NGO	122	2,040	51	40
6.	W0MHS	49	23,925	275	87	82.	W0AP	25	1,950	50	39
7.	W6IL	7	23,220	258	90	83.	W2AWF	95	1,938	57	34
8.	W5KL	90	22,050	245	90	84.	DK9LG	106	1,914	66	29
9.	W5AS	63	19,404	231	84	85.	W2DX	81	1,862	49	38
10.	W4YE	91	17,177	193	89	86.	W0MYM	79	1,836	54	34
11.	W7ENW	4	16,038	198	81	87.	K4RT	53	1,800	50	36
12.	K7EZ	16	15,990	205	78	88.	VE3JT	73	1,716	44	39
13.	K6NQ/7	AL	15,958	202	79	89.	K2FD	138	1,600	50	32
14.	W0AWP	79	15,334	187	82	90.	N4UZ	AL	1,505	43	35
15.	K5WK	AL	14,388	132	109	91.	WD4JIC	40	1,470	42	35
16.	VE3KK	73	14,320	179	80	92.	W6KZJ	11	1,457	47	31
17.	W4XD	155	12,425	175	71	93.	W2GP	81	1,386	42	33
18.	W5CJZ	41	12,320	154	80	94.	W6HVB	130	1,320	40	33
19.	W8QG	135	11,480	164	70	95.	W7HO	AL	1,280	40	32
20.	N3WW	128	10,780	154	70	96.	W7ASA	AL	1,271	41	31
21.	K6FE	7	10,656	144	74	97.	KD6FR	135	1,218	42	29
22.	W5EFB	27	10,437	147	71	98.	W2DW	95	1,209	39	31
23.	W9WM	159	10,164	132	77	99.	W3UIU	68	1,184	37	32
24.	N8LM	AL	10,152	141	72	100.	W4LVP	60	1,110	37	30
25.	N8BC	1	10,140	156	65	101.	DL9AR	106	1,032	43	24
26.	K9WA	AL	9,936	144	69	102.	W8VSK	61	828	36	23
27.	W0CY	79	9,900	132	75	103.	W1DLP	32	780	30	26
28.	W9ZEN	59	9,696	101	96	104.	W9CBE	55	725	29	25
29.	W0IH	8	9,558	118	81	105.	W8AQ	21	672	28	24
30.	NN1D	46	9,310	133	70	106.	DJ4DA	106	646	38	17
31.	N0EAY	55	9,174	139	66	107.	WB2CJE	138	600	30	20
32.	W0NN	55	8,960	140	64	108.	W0ANZ	123	560	28	20
33.	K0ERM	102	8,946	126	71	109.	DL1SF	106	532	38	14
34.	W300J	5	8,340	139	60	110.	W9GDI	2	440	22	20
35.	K0RH	53	8,174	122	67	111.	W3SN	122	399	21	19
36.	W3BOU	48	8,060	124	65	112.	W2IP	46	380	20	19
37.	W8HU	9	7,686	126	61	113.	W3SN	122	380	20	19
38.	N6GM/KL7	92	7,493	127	59	114.	KEDD	AL	368	23	16
39.	W9REC	2	7,381	121	61	115.	K6ARE	AL	361	19	19
40.	W0MY	2	7,360	115	64	116.	W0CW	58	360	20	18
41.	W5LJI	63	6,844	118	58	117.	NF3X	137	360	20	18
42.	W1DV/4	89	6,678	106	63	118.	DJ2ZB	106	341	31	11
43.	KE2N	AL	6,510	105	62	119.	W1SK	138	340	20	17
44.	N0FFZ	58	6,264	116	54	120.	DL6DV	106	336	42	8
45.	W8MVN	9	6,237	81	77	121.	W3ELJ	AL	320	20	16
46.	W2TO	46	6,156	108	57	122.	W8BHL	142	289	17	17
47.	DL6NB	106	6,150	123	50	123.	W4BK	128	272	17	16
48.	W3ADE	AL	6,080	95	64	124.	OE9SLH	136	260	26	10
49.	W1JSM	112	5,928	104	57	125.	W9GJS	AL	210	15	14
50.	W6IFC	99	5,885	107	55	126.	W7AVV	AL	210	15	14
51.	W7GB	AL	5,800	100	58	127.	K7AIL	AL	196	14	14
52.	W9RF	55	5,643	99	57	128.	W0DBC	8	182	14	13
53.	W0MKL	2	5,610	102	55	129.	K4CAX	AL	180	15	12
54.	W2KTF	81	5,488	98	56	130.	G2CM	AL	144	12	12
55.	W2LS	AL	5,445	99	55	131.	W7RIR	16	121	11	11
56.	W7GHT	87	4,644	86	54	132.	W5SRQ	41	112	16	7
57.	W4NEI	AL	4,272	89	48	133.	W0DD	AL	110	11	10
58.	W9NGB	36	4,080	80	51	134.	W2SGI	77	81	9	9
59.	W9LNQ	AL	4,032	84	48	135.	W5NC	27	81	9	9
60.	W0VIP	8	3,840	80	48	136.	W6NKR	11	80	10	8
61.	W6BYH	99	3,680	80	46	137.	W6YVK	11	80	10	8
62.	W0DM	AL	3,626	74	49	138.	DL3ME	106	72	24	3
63.	VO1CA	AL	3,619	77	47	139.	W8DIV/4	131	36	6	6
64.	W7SE	156	3,552	74	48	140.	DL9CC	106	20	10	2
65.	K4EZ	49	3,375	75	45	141.	W9ODV	55	16	4	4
66.	W8SS	61	3,290	70	47	142.	W3QYL	50	1	1	1
67.	DL1NP	106	3,040	80	38	143.	W4COW	112	1	1	1
68.	W9YCV	55	2,925	75	39						
69.	W1NV	134	2,816	64	44						
70.	K2FJ	65	2,747	67	41						
71.	W5OC	41	2,730	70	39						
72.	K9GDF	55	2,706	66	41						
73.	KM7T	108	2,684	61	44						
74.	W0IZV	58	2,610	58	45						
75.	N0GVY	143	2,580	60	43						
76.	W8GJX	10	2,451	57	43						

COMMENTS FROM LOGS SUBMITTED

Had Fun! Good Parties! Terrible conditions. Missed HB9MX, hope he is still active. Where are all the YL/XYL QCWA members during the Phone Party? The presence of a few YLs added 'sparkle' to the Party. Always look forward to renewing old friendships. Found more participants willing to add a few words to the basic exchange. (This last is the purpose of the Party - to meet and chat with old friends and find some new ones - a Party, not necessarily a contest - W1ZEN). Several gave high marks for this year's Phone Party and suggest we 'keep them coming'. Very pleased to see the rules stayed the same - much easier than continuous changes.

W1ZEN - I would like to thank EI, W5MD and his assistants, Shirl, K5OPL; Jay, K5KMI and George, K5RGI, for checking CW Logs. To Bill, W5URR and his assistant George, W5LXV, for checking Phone logs and for the prompt return of results to me. Thanks to Chapter 109 for taking on the job.

There were 143 CW logs submitted, with 59 chapters represented and logs from 26 'at large' members. The Phone party had 130 logs submitted with 67 chapters represented and logs from 7 'at large' members.

Thank you to W6FQ, Herb Gleed, for operating with the QCWA call, W2MM. Anyone wanting a W2MM QSL card may get one by sending your card with the QSO Party information to W1ZEN.

All suggestions and/or comments about changes will be discussed with the Board member who works with me. Thank you all for taking time to write.

WINNERS

CW PARTY

K1IU - 1st (Plaque)
K9CLO - 2nd
W4WKQ - 3rd
W6ASH - 4th
W2RRY - 5th

PHONE PARTY

W4WKQ - 1st (Plaque)
K9CLO - 2nd
W4HVV - 3rd
W6IL - 4th
K4JAP - 5th

INTERNATIONAL WINNERS

CW PARTY

North America - VE3KK

Europe - DL6NB

PHONE PARTY

North America - VP2MDB

Europe - DL6NB

LOGS POSTMARKED TOO LATE TO QUALIFY

W5EC N5EN W5JC W8TJQ OE5KE

NOT ELIGIBLE FOR SCORING

W2MM/6 (W6FQ Operator)

QCWA ACTIVITIES

1988 QSO PARTY - PHONE PORTION SCORING

THE FOLLOWING CERTIFICATES WERE ISSUED!

Certificate for contacting 100 QCWA members:

Jim Wilcox, K4JAP
Marshall Killen, VE3KK
Walter Read, W6ASH
Bill McGrannahan, W0ORB
William Wiand, N3WW
Jim Rounds, K9WA
Jim Villasana, K6NQ
Leath Padgett, N6PWS
Jack Miller, W9WYN

Certificate for contacting 60 QCWA Chapters:

Jim Wilcox, K4JAP
Walter Read, W6ASH
Jim Villasana, K6NQ
Jack Miller, W9WYN

Certificate for contacting members in 50
states:

William Moore, W9WN

Onie has prepared and mailed all of the
awards listed above.

HIGH SCORERS IN YEARS PAST IN

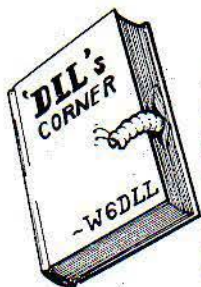
THE QSO PARTY

Year	1st	2nd	3rd
1960	W5KC	W7LQ	W8ZL
1962	W4FNQ	W0VBG	W6ZPX
1964	W6ZPX	W8NBK	W4FNQ
1965	W8NBK	W6ZPX	K6GIL
1966	W8NBK	W6ZPX	W4BGO
1968	W4BGO	N3IN	W9VZP
1969	W6FQ	N3IN	W5NW
1970	W6FQ	N3IN	K6FE
1971	W6FQ	N3IN	W5NW
1972	N3IN	K6FE	W6FQ
1973	N3IN	K6FE	W7YU
1978	W4WKQ	W9CLO	W6UA
1979	CW W5VC	N4SU	W9IB
	PH CE0AE	W6FQ	W4WLX
1980	CW K9CLO	W4YE	W9IB
	PH AF3E	W4PZV	K9CLO
1981	CW N4IN	W4KFC	WB8MJF
	PH W6FQ	W4WKQ	K5ANB
1982	CW N4IN	W4KFC	KC8ID
	PH DL6NB	W4WKQ	AF3E
1983	CW W4KFC	NRIN	K9CLO
	PH N4IN	W4WKQ	K9CLO
1984	CW K1IU	W8NBK	W5ODD
	PH W4WKQ	K9CLO	W6FQ
1985	CW W8NBK	N4IN	W5EC
	PH W4WKQ	N4IN	K9CLO
1986	CW N4IN	K1IU	W4YE
	PH W4WKQ	N4IN	W6FQ
1987	CW N4IN	K9CLO	W2RRY
	PH W6FQ	K9CLO	N4IN

NO.	CALL	CHP	SCORE	QSO	X	NO.	CALL	CHP	SCORE	QSO	X
1.	W4WKQ	84	29,593	293	101	76.	NØGVY	134	1,080	40	27
2.	K9CLO	AL	26,784	279	96	77.	WØWLN	162	1,073	37	29
3.	W4HVU	126	18,656	212	88	78.	W9WM	159	980	35	28
4.	W6IL	7	18,216	207	88	79.	W5YGX	90	952	34	28
5.	K4JAP	91	17,716	206	86	80.	AL7C	92	952	34	28
6.	W5KL	90	16,965	195	87	81.	WØIZV	58	924	33	28
7.	W7BGH	87	16,524	204	81	82.	DL1NP	106	880	40	22
8.	W2GHV	77	15,990	195	82	83.	W3BOU	48	875	35	25
9.	4U1UN	46	14,378	182	79	84.	WB2GJE	138	806	31	26
10.	KØRH	53	12,150	150	81	85.	K2MN	AL	644	28	23
11.	VP2MDB	138	11,550	155	75	86.	W8MOF	61	630	30	21
12.	N6PWS	AL	9,504	132	72	87.	W3PVO	150	621	27	22
13.	W5LJI	63	8,844	132	67	88.	N6GM/KL7	92	608	32	19
14.	W4COW	121	7,797	113	69	89.	W2DX	81	550	25	22
15.	KØORB	35	7,735	119	65	90.	W2RPH	5	532	28	19
16.	W4JM	107	7,526	106	71	91.	W8DWT	9	480	20	24
17.	VE6EO	151	7,182	114	63	92.	W4LHP	107	450	25	18
18.	W7FTX	104	7,128	108	66	93.	K3NYQ	5	418	22	19
19.	W9GIL	55	5,858	101	58	94.	W2DME	138	380	20	19
20.	W8INR	142	5,757	101	57	95.	KØIEW	35	380	20	19
21.	DL6NB	106	5,600	100	56	96.	WØPEX	123	351	27	13
22.	K4EZ	49	4,860	90	54	97.	W2KTF	81	345	23	15
23.	W7PCP	87	4,592	82	56	98.	K4CMJ	148	340	20	17
24.	W8HU	9	4,576	88	52	99.	W6EKM	130	256	16	16
25.	W9WYN	2	4,263	87	49	100.	VE3JT	73	238	17	14
26.	W3GPR	68	4,134	78	53	101.	W5AS	63	224	16	14
27.	WØHWF	25	3,577	73	49	102.	K8OI	142	224	16	14
28.	K9GDF	55	3,551	67	53	103.	W2IP	46	195	15	13
29.	W2ABV	29	3,550	71	50	104.	K4HT	11	192	16	12
30.	W4NWF	53	3,550	71	50	105.	W1JSM	112	180	15	12
31.	WØWSK	58	3,479	71	49	106.	W2QI	65	169	13	13
32.	K2FJ	65	3,358	73	46	107.	W7RIR	16	168	14	12
33.	WØIH	8	3,350	67	50	108.	W8BOQ/4	142	156	13	12
34.	WØREC	2	3,150	75	42	109.	W5VTA	64	150	15	10
35.	W9LOB	2	3,034	82	37	110.	WØODD	AL	143	13	11
36.	W3KRM	37	2,944	64	46	111.	W2SNJ	138	132	12	11
37.	VE3KK	73	2,698	71	38	112.	VE3MO	73	121	11	11
38.	W3ILG	68	2,623	61	43	113.	W4MCZ	60	121	11	11
39.	K4FCW	128	2,585	55	47	114.	W9ODV	55	121	11	11
40.	WØANZ	123	2,542	62	41	115.	W1DLP	32	120	12	10
41.	W4GXZ	120	2,408	56	43	116.	W3CDY	150	108	12	9
42.	W7AHK	AL	2,405	65	37	117.	W2PF	69	80	10	8
43.	WØVIP	8	2,400	60	40	118.	W7000	4	63	9	7
44.	WØDFT	19	2,379	61	39	119.	WA4EHD	145	56	8	7
45.	W5NCB	AL	2,356	62	38	120.	W8GJX	10	49	7	7
46.	W9ULX	2	2,240	56	40	121.	W8BHL	142	25	5	5
47.	W9MKL	2	2,183	59	37	122.	DL3ME	106	21	7	3
48.	W2DW	95	2,145	55	39	123.	WD4JIC	40	16	4	4
49.	VO1CA	AL	2,040	51	40	124.	W5HD	94	16	4	4
50.	W8DIV/4	131	2,030	58	35	125.	W9RPP	2	16	8	2
51.	W8FO	142	1,961	53	37	126.	WØAHK	79	7	7	1
52.	N8FTT	9	1,938	57	34	127.	DJ2XB	106	6	3	2
53.	K5HTR	64	1,924	52	37	128.	K8UZ	9	6	3	2
54.	K4VN	49	1,802	53	34	129.	W7CL	160	1	1	1
55.	W4HL	49	1,666	49	34	130.	W7PBV	44	1	1	1
56.	W1GKJ	134	1,650	50	33	*****					
57.	NF3X	137	1,645	47	35	LOGS POSTMARKED TOO LATE TO QUALIFY					
58.	W2KGI	96	1,584	48	33	W1PB	W7ENW				
59.	KL7AVX	92	1,560	52	30	W2RRY	W8PBZ				
60.	W5EFB	27	1,540	44	35	W3PP	W8SWN				
61.	W4JCJ	131	1,530	45	34	W6RBB					
62.	WØMYM	79	1,508	52	29	NOT ELIGIBLE FOR SCORING					
63.	W9YCV	55	1,485	45	33	W2MM/6	(W6FQ Operator)				
64.	W5OC	41	1,440	48	30						
65.	NØEAY	55	1,344	42	32						
66.	W1TIV	112	1,320	40	33						
67.	K1ACM	120	1,316	47	28						
68.	W1SK	138	1,292	38	34						
69.	W5SRQ	41	1,290	43	30						
70.	W9NVK	162	1,280	40	32						
71.	NØFFZ	58	1,247	43	29						
72.	W5MUA	62	1,200	40	30						
73.	W4YE	91	1,148	41	28						
74.	W3WPY	150	1,120	40	28						
75.	W7LVN	108	1,110	37	30						



A PAUSE TO REFRESH



"DLL'S CORNER!"

Bud Neelands, W6DLL, getting a well deserved rest, has received a bit of help in his work of preparing the QCWA Book & Publications material. This issue of the Journal finds the first work of Gene Williamson, K7DBV --- let's introduce him:

Gene Williamson, K7DBV is a freelance writer based in Eugene, Oregon. First licensed in 1958, Gene operates CW -- almost exclusively on twenty -- but can sometimes be found on RTTY, and is eager to try packet. For extra fun this sunspot cycle he's running QRP (five watts out) to a delta loop.

Gene has been married to Ellen since 1967, and they have a daughter, Debbie.

How can you not be intrigued by an author who begins his discussion of 'The Ideal Antenna System' by declaring 'presented with a 100-foot mast or tower, the author's first instinct would be to fetch a saw and cut it in half. . . .'?

That's precisely the refreshing approach L. A. Moxon, G6XN takes to antenna design and performance in his RSGB-issued text H. F. ANTENNAS FOR ALL LOCATIONS.

This hardback book measures 8 1/2" x 11", is 260 pages long, and probably contains more charts, graphs, tables, and diagrams than ARRL's ANTENNA BOOK. Plus -- a very big plus, indeed -- you get full benefit of Moxon's own experiences, related with his unique sense of humor.

H. F. ANTENNAS divides neatly into two parts: theory and practice. If you're like me, the fun of antennas is converting an armload of Radio Shack tv masting, No. 14 house wire, and ladder line into something that'll get you some respect on the low end of 20. So let's just say Moxon's first ten chapters on doctrine are as superlative as the rest of the book (they are), and study the wire-stringing part, titled "Theory Into Practice."

Six chapters deal with a half-dozen broad antenna categories: single-element antennas, horizontal beams, vertical beams, large arrays, invisible antennas, and mobile and portable antennas. Within each chapter Moxon discusses and diagrams nearly every conceivable antenna type, then concludes with his own recommendations of "best buys" for performance under various circumstances.

Some quite common antenna varieties are completely left out of the book; Moxon tells you what they are and why they aren't mentioned. Conspicuously absent, by the way, is the triband three-element trap Yagi. Not because he doesn't like them -- although he tends to believe you're best served by rolling your own, then seeing how it performs --but because W3DZZ antennas have been written to death in hundreds of other books.

'What Kind of Antenna' is the wrap-up chapter that contains the reference to cutting a 100-footer in half because of "fear of monsters." In this summary, G6XN suggests how you would best get maximum all-band performance when your zoning and property situation includes one of four potential antenna supports: one tall tower, two short towers, one house-mounted tv mast, or merely "a large climbable tree."

A thorough discussion of basic test equipment and construction do's-and-don'ts round out this antenna book you'll want to refer to again and again.

The author, of course, speaks from his crowded G-Land perspective: small lots with even smaller backyards (gardens) and difficult zoning situations. You'll find big power and tall towers in England, but not as often as here -- UK geography somehow brings out a ham's innate desire to do more with less. If you feel that same way, here's G6XN to your rescue . . . his book's a winner!

H. F. ANTENNAS FOR ALL LOCATIONS is available from the American Radio Relay League, Newington, CT 06111

SUMMER FUNFEST PROBLEMS

1. What word is spelled wrong in every dictionary
2. What are the relative volumes of a triangular and square pyramid, all of whose edges are of equal length?
3. Hasifisti's uncle had nine children, all born at regular intervals, and the sum of the squares of their ages was equal to the square of his own age. What is the age of each? (Every age was an exact number.
4. If a hen and a half lays an egg and a half in a day and a half, how many and a half who lay better by half will lay half a score and a half in a week and a half?
5. Hasafisti asked his kids to write down five odd figures so that they will add up to 14. What are the figures?

These are relatively easy but don't asume anything. Send your replies to W9QB, Harry M. Neben at 1151 Fairway Dr, Dunedin, FL 34698.

SPRING FUNFEST PROBLEM ANSWERS

Problem	(1)	(2)	(3)	(4)	(5)
Answer	None	11.61'	4	349	2520
W4WU	?	11.61	4	349	2520
W0JTC	162	12	4	349	2520
K9BL	none	11.61	4	349	2520
K3KTW	none	9	4	349	2520
W1YOL	162	12.08	3	450	5040
W5ODD	162	11.61	4	349	2520
W4SZ	162	11.6	4	349	2520
W7LIX	zero	12	4	349	22680
K14V	0	12	3	349	2520
N4NT	zero	11.6	4	349	2520
W2SFW	ZERO	11.61	4	349	2520
W2CC	162	11.61	4	349	2520
K0RH	zero	11.61	4	349	2520
W9KQ	0	11.61	4	349	2520
K7BHM	none	6'3.94"	4	349	7560
W0GN	zero	11.61	4	349	2520
W2OR	none	11.61	4	349	2520
W3EEI	none	11/6	4	349	2520
W0SYU	0	11.61	3	349	2520
W7MAI	none	12	3	349	2520
W1KUL	162	11.61	3	349	2520
KF1B	0	?	3 1/3	340	2520
W3EPR	none	12.5	4	349	30240
WT6A	0	11.72	4	349	2520
W7CZL	162	12	4	346	5040
W7MRX	9000	12	4	346	5040
W7GEY	zero	11.625	4	349	2520
W9SFK	9000	11.67	4	349	2520
W9NHM	none	11.6	4	349	2520
W2BDE	0	12	4	340	2520
W2WAM	none	11.61	4	349	2520
W6BIP	none	11.61	4	60377	2520
W3DJ	0	11.608	4	349	2520
K4IHX	zero	11	4	349	2520
W4AYF	0	11.607	4	349	2520

Not a bad showing considering. Hope that you will try again this summer. The summer's puzzles are not too difficult. Just don't read anything into the problems that is not stated.

Best of Luck,

Harry, W9QB

FACTORS AFFECTING SCHOLARSHIP AWARDS

Jim Blades, W0CLS
1303 East Hanson, Mitchell, SD 57301

As a high school counselor I see a large number of scholarships originated and distributed each year. Some are for as little as \$5.00 and some as large as \$10,000 renewable for four years. However, a few factors should be considered by groups presenting scholarships.

First, with the new tax laws scholarships which are used to cover tuition and fees are tax free. Scholarships which cover room, board, books, miscellaneous expenses are all taxable income for the student, thus many scholarships are really 80% or less of the stated amount..

Second, the student with financial need is going to be able to get assistance through the federal programs to some degree. For the sake of an example, suppose John gets a federal aid package of \$3500. Now, QCWA gives John a \$700 scholarship. Immediately the federal aid package is reduced to \$2800. If the aid package included a loan and the school financial aid officer is nice, the loan portion would be reduced and the gift aid that had been included in the package originally would remain the same. It is possible for the aid officer to keep the loan portion the same and reduce the gift portion. He would then reassign the unused gift aid to some other student. The effect of this is to give the QCWA aid to some other unknown student. The scholarship should be specified to be used for tuition and fees. As long as the total gift aid received by the student did not go over the cost of tuition and fees, the taxes would be eliminated.

If the student is financially able to pay (at least the government thinks so), and thus the student receives no federal aid package, the QCWA scholarship would be a direct benefit to the student selected. Again, it would be preferable to have the scholarship directed to tuition and fees to avoid taxation.

If need is considered in the selection of QCWA winners, the probability is high that other aids will be available to that person. In that case I would suggest that the scholarship be limited in size and more individuals assisted by the program. Especially I would not want to see any restriction such as the recipient could not accept any other scholarship.

QCWA PRESIDENT LELAND SMITH, W5KL

NAMES NOMINATING COMMITTEE FOR 1989 ELECTION

In accordance with the By-Laws, President Leland Smith, W5KL, submitted his choice of members making up the 1989 Nominating Committee to the Board of Directors, at it's Irving meeting. The Board approved the following members who are charged with putting together a slate of candidates for election to ALL officer positions and to FIVE director positions to be filled in the summer, 1989 election. Those chosen and who have accepted the responsibility to serve are:

Joe Moskey, W1JMY - 49 Fairwood Farms Dr.,
West Hartford, CT 06107 (203 521 4567)
Marvin Ollendorf, W4HAH - 1655 Executive Park Ln,
Atlanta, GA 30329 (404 634 4673)
Dave Willemin, AI8M - 331 Courtland St,
Elyria, OH 44035 (216 324 4574)
Pat Stewart, W7GVC - 1404 Ruth Ave,
Walla Walla, WA 99362 (509 525 1699)

The group is chaired by Joe Moskey, W1JMY.

Now is the time for you or your chapter to begin thinking of good men or women who would, if elected, serve on the Board. The most important thing to remember is to find highly qualified men or women who are willing to put forth their best effort on behalf of QCWA. QCWA needs the best each successful candidate can give. If you can come up with some potential candidates, write to any of the above listed Committee Members, provide information available, and the Committee will contact your proposed candidates to get

added information which might be required before naming them as official candidates in the 1989 election.

QCWA Officers and Board members wish to thank the Committee for its willingness to take on this task. Their efforts on behalf of QCWA are appreciated.

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**RIGHT NOW IS THE TIME TO FILL OUT THE 1988
CONVENTION REGISTRATION, AND HOTEL SPACE
RESERVATION (Page 44) ! DON'T FORGET IT!**

QCWA CHAPTER NEWS

SCHEDULED ON-THE-AIR MEETINGS REPORTED

1	Cleveland Chapter	Wed	2100L	W8OXA	28/88
2	Chicago Area	1st Thu	2100L		147.15
4	Northwest Chapter	Sun	1630Z	W7PN	3655
		Sun	2000Z	W7FNC	3952
		Sun	2300Z	W7AZI	2952
5	Delaware Valley	Sun	1445Z	W2HX	3917
6	Pittsburgh	Sun	1330Z	W8CSU	63/03
		Sun	1415Z	W8CWY	3880
7	Southern California	Sun	0900L	W6FQ	3917
		Sun	1100L	K6BA	3690
		Sun	1000L	W6ZRZ	146.85
8	Upper Midwest	Sat	0800L		3880
9	Dayton/Cincinnati	Sun	1700Z	W8DWT	3987
10	Michigan	Sun	1300Z	W8LA	3903
11	Northern California	Sun	0930L	W6FQA	3907
		Sat	1000L	W6BOW	146.85
14	San Diego	Wed	0400Z	K6QM	145.52
15	Tulsa	Sun	0645L	W5FU	3830
		Sun	0930L	W5FU	7157
16	Arizona	Sun	0800L	W7ER	3890
20	Baltimore	Mon	2400Z	W3EE	146.88
21	Canton, OH	Daily	1400Z	W8CZA	147.42
25	Nebraska	Sat	0830L	W0EUT	3982
27	Houston	Thu	2000L	W5CCD	3866
28	Central New York	Sun	1030L	W2UBU	3917
31	Reading, PA	Mon	0100L		146.91
32	Gator	Sat	0900L	W4OIN	147.37
33	Gunderson-Penn-Jersey	Sun	0100Z		3982
36	Northwest Indiana	Wed	0100Z	W9NGB	145.45
38	San Antonio	Sun	2030L		28640
41	Dallas	Sun	0715L		3835
45	Citrus	Tue	2400Z		147.225
46	Founders'	Sun	1615Z	W2DP	3917
		Thu	0015Z	W2ICW	147.36
48	Treasure Coast	Daily	1500Z		7153
49	Atlanta, GA	Sat	0900L	K4VN	3832
55	Wisconsin	Sun	0830L		3985
58	Colorado	Sun	0900L	W0IJR	3905
		Sun	0930L	W0ERR	146.07
60	East Tennessee	Sun	2200Z		3875
61	Detroit Metro	Sun	0800L	W8IHX	3664
62	Suwannee	Sat	0900L	K4BRC	3940
63	Central Oklahoma	Sun	1400Z	K5DLE	3855
64	El Paso	Sat	0830L	W5BFN	3933
65	Niagara Frontier	Sun	1330L	W2SD	3900
73	Southern Ontario	Sun	0900L		3772
77	Northern New Jersey	Sun	1300L		3917
		Thu	2000L		147.285
79	Sunflower Chapter	Wed	2100L	W0MYM	146.82
	1st & 3rd	Sat	1400L	W0AWP	3610
	2nd & 4th	Sat	1400L	W0MYM	3915
80	Caloosa	Wkly	-		146.52
84	Floral	Mon	0130L	KF4BU	146.28
85	Ark-La-Tex	Mon	0200L		146.76
87	Evergreen	Sun	1400Z	W7CJ	3985
89	Palmetto State	Sat	0900L	W4HDO	3927
		Sun	1700	N4LS	3695
90	Razorback	Sun	1300L	W5MYZ	3907
96	Gateway	Sat	1600Z	W2KGI	3933
102	Dakota	Sun	1400Z	W0HOJ	3890
104	Treasure State	Sat	1700Z		3938
106	German	Mon	1700Z	DL9AR	3663
		Tue	1730Z	DJ2ZB	3555
107	Central Florida	Sat	1500Z	W4LHP	7243
		Thu	1400Z		21380
109	Baton Rouge	Sun	0830L	W5URR	3905
		Sun	2000L	W5URR	146.19
110	Kansas	Sat	0730L		3920
112	Yankee	Sun	0830L		3902
117	Appleseed	Sun	2100L		147.27
118	Coastal Carolinas	Mon	2000L	W4EHF	146.28
120	QC Wireless Women	Tue	1900Z		14295
122	Lake Erie-Tri State	Sun	0930L		3915
123	Lee deForest	Sat	1330Z		3885
125	Halifax Chapter	Tue	1930L	K2HWF	147.15

126	Piedmont	Sun	1400Z		3935
128	Pelican	Sat	1500Z		147.06
130	Inland Empire	Sat	0800L		3862
134	Pine Tree	Sun	1930Z		3942
135	Mid-Michigan	Wed	0100Z		146.40
138	Central New Jersey	Tue	2200Z	W2DME	147.045
140	Wyoming	Sat	0800L	W7MZW	3923
143	North Colorado	Sun	0830L		146.25
146	Twin State	Sun	0830L	W1SVT	3897
149	Nutmeg	Sun	1630Z	AE1H	3923
150	Del-Mar-Va	Sun	1430Z	W3BKN	146.22
151	Wild Rose	Mon	2300Z	VE6EO	7155
152	Royal Palm	Daily	1800Z	W4LZV	3910
157	Pony Express	Sun	1430Z	K0TUH	3955
160	Utah Chapter	Sat	1730Z	W7FVM	7272
162	Southeast Wisconsin	Wed	0300Z		21325
164	Big Bear Lake	Sun	0300Z	K6GCF	147.33

QCWA INTERNATIONAL & REGIONAL NETS

QCWA INTERN'T'L	Sun	2000Z	W6FQ	14347
QCWA CW NET	Wed	2000E	W5QU/W4PI	7035
Florida SSB	Sun	2400Z	W4PI	3955
NE Regional	Sun	0845L	KA2IXW	3917



Pictured above, QCWA President Leland Smith, W5KL, at left, presents the 50-Year Golden Certificate to Joe McNutt, N5BK, President of Razorback Chapter No. 90. The presentation was part of the activity associated with the Chapter's Spring, 1988 meeting.



Pictured above, QCWA Director, Fred Hammond, VE3HC, proudly displays the Dayton HamVention Award presented to him at the Grand Banquet, April 30, 1988

QCWA CHAPTER NEWS

SUNCOAST CHAPTER No. 53 of QCWA

Mary Ryden, K8ONV
2657 Titania Rd, Englewood, FL 34224

There were 59 present at our March luncheon meeting at the house of Chong Restaurant in Sarasota, among them a guest novice, KC4AGG, who is 83 years of age. We welcomed W8OZT, from Bradenton and W4IB, from Port Charlotte, as new members. Our speaker was KD7QJ, Will Holt, whose subject was building power supplies. He emphasized the importance of safety factors in components and "overbuilding" with sturdy parts.

In April, Ham of the Month was Al Matlick, W2TKU, and our speaker was Dean Becker, WA9TYU, whose subject was the new science of Satellite Communications, which is only 30 years of age.

A new, up-to-date directory of our Chapter members was distributed to the 74 in attendance. It was announced that Frank Borsody, K4EC and Howard Milbourne, W4WBC, are silent keys. Vic Gomes, W4DN let a discussion on FCC changes in rules for the Amateur Service.

At the May meeting, 59 were present to hear a representative of Florida Power & Light discuss radio and electronic interference - "line Noise" - its causes and cures. Everything from underground transformers to doorbells and pole shrinkage give us trouble in Florida.

We were sorry to learn of two more Silent Keys - Harry Andrews, W4FQM and Mort Clarke, N4GYJ. Ham of the Month was Mary Ryden, and an Award was presented to W8KW in appreciation of his many years of service to QCWA. Election of officers for 1988-1989 was held:

Mary Ryden, K8ONV	- President
Robert Siff, K4AMG	- Vice President
Art Herrald, AA4AN	- Treasurer

This was the last regular meeting of the season, although there will be luncheon get-togethers the first Thursday of each month during the summer at the Trolley Station Restaurant in Sarasota.



Pictured above some of those at CH 53 Sarasota lunch - it is of special interest to note those at the head of the lines - at left, W8KW and, at right, W4AMJ! - Editor.

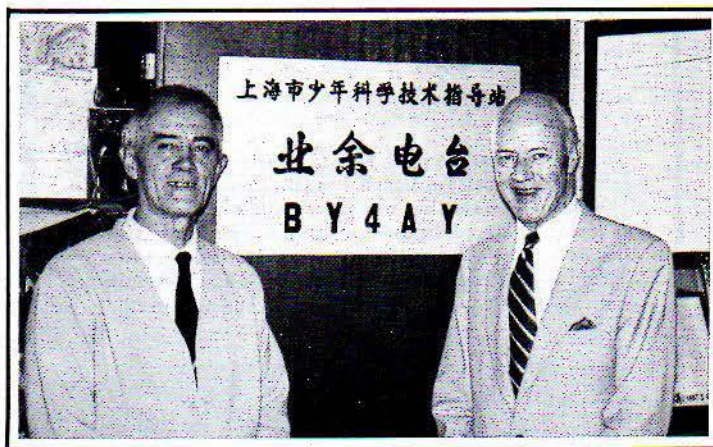
MICHIGAN CHAPTER No. 10 of QCWA

Norman Bradshaw, W8EEF
646 E Glenlord Rd, St Joseph, MI 49085

The 1988 annual meeting of the Michigan Chapter No. 10, QCWA, was called to order by J. Jan Jellema, W8SWN. This was preceded by a wonderful luncheon at the Waterfront restaurant at Cadillac, Michigan. Grace was said by Ina Jackson, W8LA's XYL. There were 81 people present at the luncheon, 57 active Hams, with a total of 2067 years

QCWA MEMBER OPERATES IN CHINA

Kenneth M. Miller, K6IR (6075)
16904 George Washington Dr., Rockville, MD 20853



Just a short note to wish you and QCWA a healthy and happy 1988. All is fb here - have just returned from China, where I spent a month in Shanghai. Enjoying not only the visit but, also in working amateur radio - operated BY4AY and BY4AOM.....lots of fun working DX and hearing what the pile-ups sound like! The picture at right shows "Station Master" CITH, Cien "John" Xie, at left with Ken Miller, K6IR, at right, in Shanghai.

In spite of what some feel are poor conditions, signals were good. As a matter of fact, 1987 turned out to be a very good year for DX and 1988 is starting out pretty fast too. I have just been elected President of our National Capitol DX Association succeeding Stewart Meyer, W2GHK. Our members are mostly in the Washington, DC; Virginia and Maryland areas.

DX-wise I was able to work 268 countries on 10/15/20 SSB, in concert with the ARRL 1987 Golden Jubilee Program.

/s/ Ken

Editors Note: Wouldn't that get your goat? After 59 years of hamming, I've managed to just get 110 countries, and the cards are so worn out from counting them that the ARRL can't read the calls! Congratulations, Ken, on a great trip and an outstanding DX record. Next time let us know how many countries you've managed to snare all-together.

-W5EJ-

experience. The high was 65 years and the low was 3 months. An average of about 37 years. Lots of OT's (Data compiled by Jack, N8JMM.)

Minutes of the last meeting were read by Norm Bradshaw, W8EEF, as written by last years secretary, Stan King, W8POZ. The treasurers report was given by Ralph Jackson, W8LA. The report was approved, we're still solvent! Jack was presented with an ICOM logbook for his Sunday Net, 3903 kHz activities record.

Before taking up any new business, Jan, W8SWN spoke about the many Scholarships that are available to Hams and families. (Forms are available from Jan, W8SWN). Of the 169 applications made to FAR (The Foundation for Amateur Radio), only three were from Michigan! QCWA sponsors seven of these Scholarships.

Jan congratulated two notable members of our Chapter No. 10. Doug DeMaw, W1FB on his many articles in QST and numerous books, and Helen Schmock, W8GJX, who has written 16 books. She is currently writing an autobiography.

Nominations for new officers. Stan King, W8POZ served as Vice president during the year 1987-88, and will assume duties as President at the close of the business meeting. Nominations were opened for VP, Secretary and Treasurer with the following results: VP, Norm Bradshaw, W8EEF; Secretary, Currin Skutt, W8FSZ; Treasurer, Ralph Jackson, W8LA, Who is also net control.

Don't forget our annual picnic, the second Wednesday in August!

QCWA CHAPTER NEWS

GULF COAST CHAPTER No. 131 of QCWA

Robert Imhof, AG2K
7314 Isle Dr, Port Richey, FL 34668

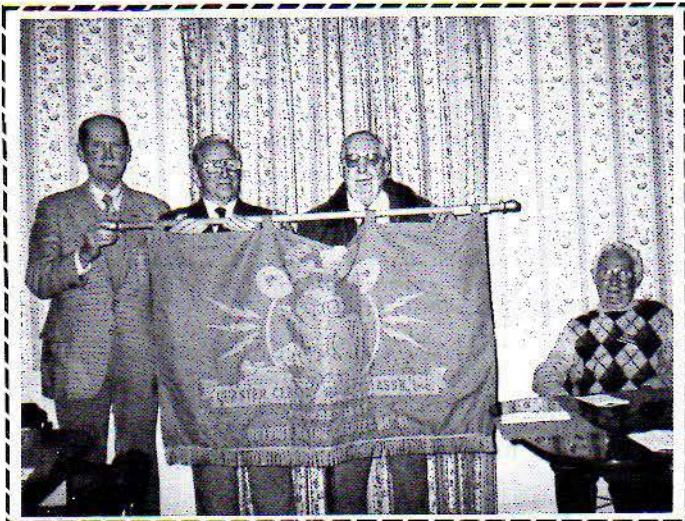
The Gulf Coast Chapter No. 131, held its April, 1988 meeting at the Leisure Beach Inn, Hudson, Florida. The highlight of the meeting was presentation of two awards. The event, pictured below and at the right, saw Harry Miles, W2JKB (below, left) receiving a Meritorious Award from Chapter President Bob Imhof, AG2K. The Award was in recognition of Harry's service to the Chapter.



Above, Al Kuchare, W2EKO, (at left) receives his QCWA Century Club Membership Certificate, given to those whose years in QCWA plus their age equals 100 or more.

Forty-six members and XYs attended the meeting. The Chapter holds meetings the first Tuesday of each month at the Leisure Beach Inn, Hudson, FL.

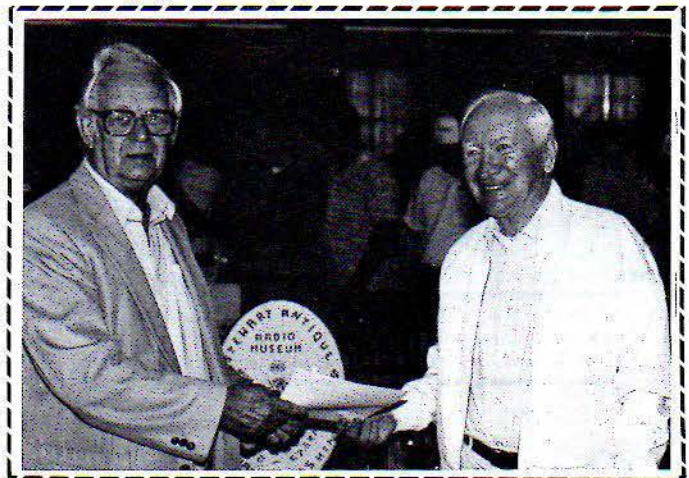
DETROIT METRO CHAPTER 61 of QCWA



In the picture above, Detroit Metro displays its new Banner. In the picture, L-R are: Henry Johnson, W8AG who had the lowest QCWA Membership number of those attending; Len Kerzka, W8IH, Chapter Secretary; Kurt Schmeisser, W8LZV, Chapter President; Sherman Goldman, K8LUV who had the most recent QCWA Number.

GOODWILL AMBASSADOR

Recent months have seen QCWA Secretary, Jim Walsh, W7LVN, spending time visiting with Chapters, carrying information about QCWA activities, and answering questions from members regarding matters that may not always be entirely clear. Jim has always been one to get out and meet the gang. Let's hope it's catching.



The picture above, L-R, shows, Jim Walsh, W7LVN and Pat Stewart, W7GVC, past President of Evergreen Chapter, at the Yakima, WA ham fair. Pat manned the visitors welcoming booth for Evergreen Chapter and displayed a number of antique radios.

QCWA CHAPTER NEWS

DAYTON-CINCINNATIC CHAPTER 9 of QCWA

Ralph E. Patterson, K8MHU
4408 Hannah Dr, Middletown, OH 45044

As the week of the 1988 Dayton Hamvention dawned, Chapter 9 members were jolted to find their booth space of former years had been walled up and a new spot had been assigned. It didn't look good - a noisy, dark corner of two corridors (read it 'wind tunnels') in the HARA Arena. With hat in hand the Chapter vanguard, led by Doug Horner, W8PH, appealed for better space. None other was available, but Hamfest officials promised to do what they could to improve that corner .. a floodlight, a windscreen, for example.

It appeared afterward that the new space afforded better exposure than the old had. Those 'wind tunnel' corridors became filled with streaming masses of humanity, ham type, during the Hamvention weekend. In addition to a breeze or two, fortunately turned mild due to the balmy weather, seventy-four QCWA membership applicants drifted in. These consisted mostly of new members, but included also were several reinstated members. All these along with the sale of caps, pins and dues collected, made Chapter 9 and its ace salesman, QCWA President Leland Smith, W5KL, proud to forward a tidy package to headquarters!



Pictured above, Ray Hughes, K5GET; Carl Yeager, W8DWT; Bob Mawdsley, N8FTT at the Chapter 9 Booth, April 29 - May 1, 1988. Pix by Bill Biddle, W8UZ

Bob Mawdsley, N8FTT, analyzed the signatures on the visitors' sheet and came up with some interesting statistics. Those who signed in came from a wide variety of places - 36 states + DC and five foreign countries. Forty-five QCWA Chapters were represented and about half of those visiting were Chapter members. Most were from Chapter 73 (Southern Ontario) aside from Chapter 9 members and the state with highest representation besides Ohio, was Michigan.

Those Chapter 9 members who saw duty at the booth included: W8IEU; K8GET; W8PQZ; W8DHJ; W8QDD; W8TYL; W8TIV; W8PH; N8FTT and K8MHU - reaping a pleasant and interesting harvest from the nearly thirty-thousand visitors to the 1988 Dayton Hamvention!

NEBRASKA CHAPTER No. 25 of QCWA

Don Launer, K0RJE
1245 N Hancock, Fremont, NE 68025

The Nebraska Chapter has a luncheon meeting each 4th Thursday of each month. At the March, 1988 meeting, there were 28 members present including Charles Swanson, W0ZNI, of Waverly, Nebraska, who celebrated his 90th birthday. Carl has been licensed for 52 years and is active on the bands.

QCWA CHAPTER 121 - THE LEE deFOREST CHAPTER

Al Smith, W0PEX
3529 Douglas St, Sioux City, IA 51104

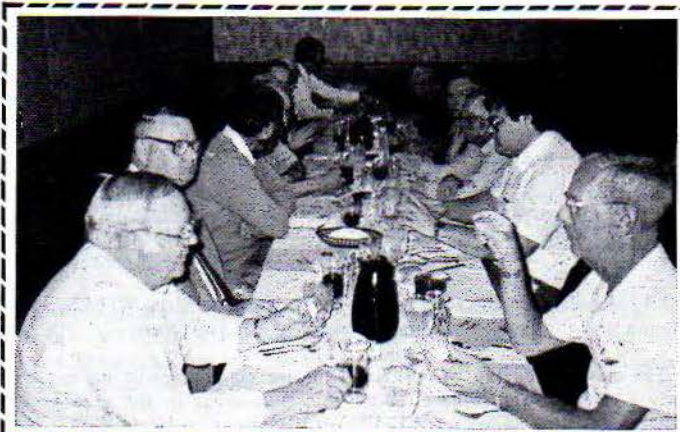
A QCWA luncheon was held May 21st at the Marina Inn, South Sioux City, NE in conjunction with the Midwest ARRL Convention. A Golden 50-Year Certificate for Continuous licensed operation was presented to Dr. R. L. Smith, W0QUF, QCWA Member No. 3671, of Atlantic, IA. The presentation was made by Leo Meyerson, W0GFQ, who was instrumental in helping Ralph become an amateur radio operator. Leo was one of his two "Elmers" of 50 years ago, the other was Bob Brenneman, W0UQJ, who could not attend.



Pictured above, L-R are: R. L. Smith, W0QUF; Leo Meyerson, W0GFQ and Robert R. Beals, K0DBW, Chapter 123 President. Photo was by Verlin E. Rowley, K0BRE, Chapter Vice President.

QCWA members from many Chapters were in attendance at the QCWA luncheon. Present from the Nominating Committee for 1988 was Walter Brink, W3WPY - a former resident of Sioux City, IA. A total of 40 were on hand -- Chapter 123 gained several new members, signed a new QCWA member, and enjoyed a wonderful get-together.

Tom Bracket, K0OFN, Chapter President, gave a short report on Chapter happenings. Charles Rodgers, W0QQN, brought everyone up to date on the Zero QSL Bureau and the problems involved with the postal rate increase.



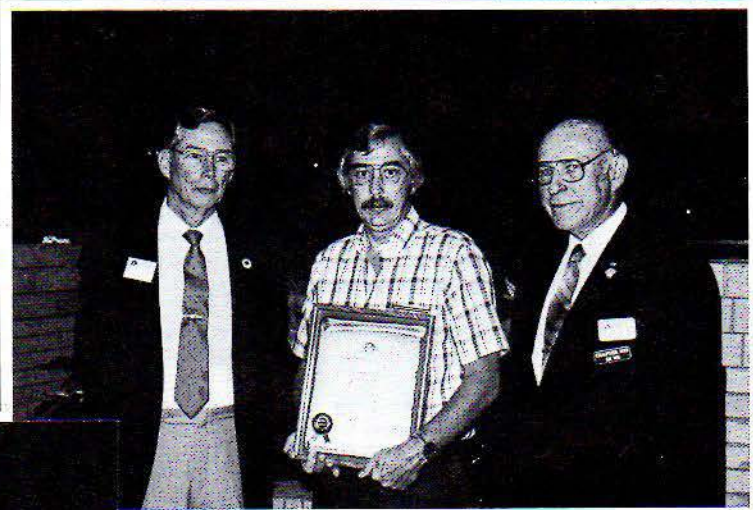
The picture above, taken by K0JFN and K0RJE, was taken of the group seated at lunch. The luncheon meetings are held at Club 89, and are for lunch and eye-ball QSOs. Discussions cover problems with gear, and just old memories. We would suggest that all QCWA Chapters consider getting together monthly for an informal breakfast or luncheon. We have found it boosts our QCWA participation greatly.

QCWA CHAPTER NEWS

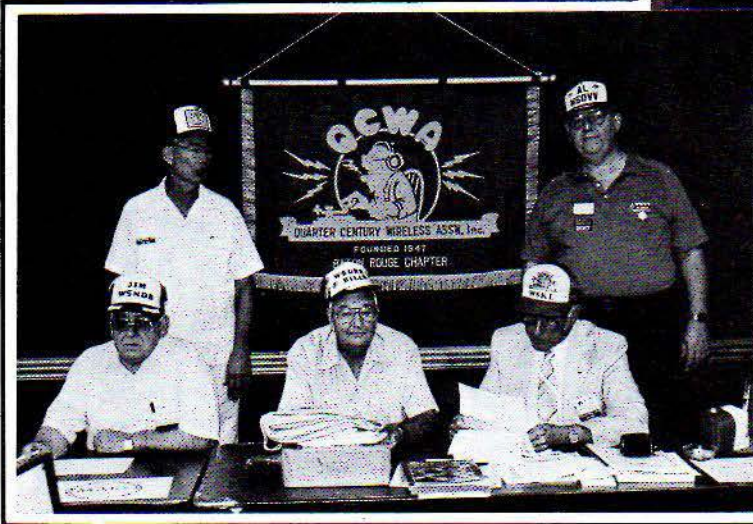
BATON ROUGE CHAPTER No. 106 of QCWA

El Charlton, W5MD
1533 Outrigger Dr, Baton Rouge, LA 70816

Activities within our Baton Rouge Chapter 106 have been running in high gear for the months of April and May. During early April six of our Chapter members participated in providing communications during a 5 kilometer race sponsored by a local Civic Association. We were placed along the route to keep the officials posted as to the runners condition and to summon emergency medical units in case of injury or other problems. Those that participated were: Jay Washauer, K5KMI; David Kelley, K5MSN; John Fleener, W5QWU; Milton Langridge, KA5JPH; Shirl Cook, K5OPL, and El Charlton, W5MD.



Above, L-R, El Charlton, W5MD; Bill Yordy, W5RWF; Leland Smith, W5KL presenting Bill with Chapter 109 Member-of-the-Year Award!



Shown above are a number of QCWA members who manned the QCWA Booth at the Baton Rouge Hamfest, May, 1988!

In May the following Chapter members participated in operating special event station KD200SL. This was a continuous five-day affair. Those operating were: Shirl Cook, K5OPL; George Gelpi, K5RGI; El Charlton, W5MD; Barney Hughes, N5HVO and Milton Langridge, KA5JPH. The weekend of May 21 - 22, saw Chapter members manning a QCWA booth at the Baton Rouge Hamfest. Six new members and three rejoiners were signed up. We were honored with two very distinguished guests and their charming wives. Our National President, Leland Smith, W5KL and his Lady were present along with Frank Lester, W4AMJ (QCWA No. 13), and his wife. Leland was in the booth quite often and really did a job on selling QCWA to several fellows. It was a great hamfest and everyone enjoyed the company of both Leland and Frank....thanks fellows, for honoring us with your presence.

YANKEE CHAPTER 112 of QCWA

Onie Woodward, W1ZEN
14 Emmett St, Marlboro, MA 01752

Yankee Chapter 112 held its annual meeting April 23rd, 1988, at Franklin Manor, West Boylston, Massachusetts. There were 32 members and guests attending (we missed several couples who did not attend because of ill health). A fine meal was served and each guest had a "Mug Rug" for a favor.

The Officers of 1988-1989 were elected as listed below:

Al Fruzzetti, K1JJJ - President
Robert Taylor, W1RNJ - Vice President
Onie Woodward, W1ZEN - Secretary/Treasurer
Joe Santangelo, N1JS - Net Manager
Len Hadley, W1YGC - Activities Manager

K1JJJ presented the retiring President, Harold Chase, W1EES, with a plaque and thanks for serving as President for two years.

The next gathering of Yankee Chapter members will be a picnic, July 23rd, at York, Maine. Any QCWA member in the area at that time is welcome. Contact W1ZEN for directions and details.

It was announced that W4COW and W7LVN would attend the QCWA meeting to be held at the Boxboro ARRL Convention, and that Yankee Chapter would have a table to recruit new members and meet others.

There were several door prizes given to lucky members and everyone left feeling they had experienced a very enjoyable day.

YOU'RE SEEING MANY PICTURES OF YOUR QCWA OFFICERS VISITING LOCAL CHAPTERS - THIS IS BECAUSE THEY ARE DOING JUST THAT - VISITING CHAPTERS. WE'RE NOT PLAYING FAVORITE OLD PALS, WE'RE REPORTING ACTIVITIES!



Dogwood Chapter, No. 98, received a visit June 11, 1988, when Jim Walsh, W7LVN drove up to British Columbia for a Chapter meeting. Jim, an expert with glasses, is shown presenting a QCWA Commemorative 40-Year glass to Edna Savage, VE7SH, President of the Chapter.

QCWA CHAPTER NEWS

QCWA CHAPTER No. 70

George Schuthe, VE3DMC
235 Daniel, Ottawa, ONT K1Y0C7, Canada

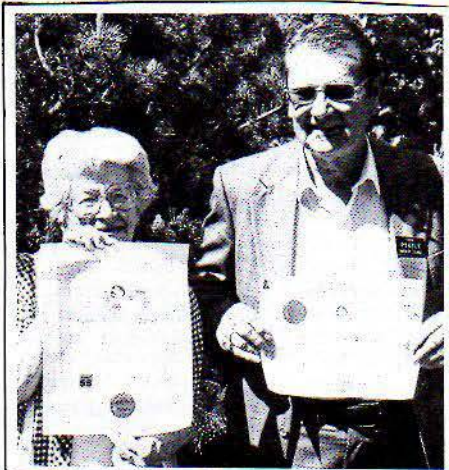
Nat2ional Capital Chapter No. 70's spring meeting was schedule for April, with about 25 expected to take part. Normal meeting attendance runs 40 to 45, but has been falling off lately due to older members dropping out and few new members coming in to the Chapter.

The Chapter feels that Canadian members do not get enough information on QCWA activities, such as the QSO parties, etc. There is a feeling of being remote. The Chapter is working on preparation of a history for inclusion in the 40th Anniversary Yearbook.

PINE TREE CHAPTER of QCWA

Wes Randles, W4COW
CR-SH, Box 74, Stoddard, NH 03464

On June 11, 1988, Wes Randles, W4COW, Made a trip to visit and to make a very fine presentation. Fred Coats, K4LC/PY8ZLC, had returned to receive some medical attention. Wes had obtained the Golden Certificate endorsed for 55 years, and the QCWA Century Club Certificate which were presented to Fred with proper ceremony at the meeting.



Fred and his wife, Millie, are pictured above, holding the Certificates.

All of us wish Fred and Millie everything good!

HERNANDO CHAPTER No. 148 of QCWA

Edward W. Handly, W1OOR
11196 E Gifford Dr, Spring Hill, FL 33526

The Regular meeting of Hernando Chapter was held May 17, 1988, at 1pm, at the New World Restaurant, Rte 41, just south of Floral City, FL. The gathering was well attended. Twenty-seven members and guests were on hand. The meeting place was excellent, with good food and reasonable pricing.

We welcomed our newest member, Charles Hannum, WA8APQ and his lovely XYL, Mary. Also enjoyed eye-ball QSO with visitor Paul

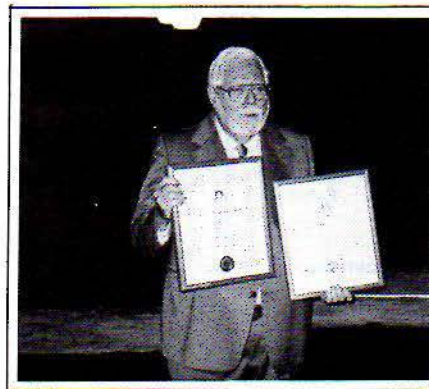
CENTRAL ILLINOIS CHAPTER 59 of QCWA

John M. Vasicak, W9ZEN
124 N Glen Ave, Oglesby, IL 61348

Fifty-four members & guests were in attendance Saturday, March 19, 1988, at the Village Inn, Tonica, IL, for the spring meeting of Central Illinois Chapter 59. Incoming President, Bob Backlund, KV9A, welcomed those attending. This was followed by partaking of the fine food served at the Inn. Officers serving in 1988 are pictured below, L-R are: Bob Backlund, KV9A, President; Larry Keeran, K9ORP, Secty/Treas and Paul Lecocq, W9FEM, Vice President.



Following the dinner a short business meeting was conducted by the President. Member Glenn Flanagan, W9GVP, was presented with the Golden Certificate and with the Golden 50-Year Continuously licensed certificate. Glen is pictured below, with his Certificates.



Entertainment for the evening was provided by W9ZEN, a slide presentation of his recent trip to Czechoslovakia and to Poland. This was followed by the awarding of Prizes. The next Chapter meeting will be October 29, 1988, at Morton, IL.

Pictures by W9DBO

Yogi Bear, W3GEY and his XYL, Ruth. Yogi and Ruth leave shortly for permanent residency in Hawaii. Also on hand was Ted Hitchcock, W1UWZ, a good member who cannot always make our meetings. Good to see them!

President Frank, W1YTB, appointed a committee to investigate a meeting place for the fall and winter meetings. Many of our members are up North, we're looking forward to seeing them return this fall.

SOUTHERN ONTARIO CHAPTER No. 73

Frank Edwards, VE3ER
268 Brookview Ct, Ancaster, ON L9J1J8

Chapter 73 holds two dinner meetings each year, one in the spring, the other in the fall. Meetings are held in Campbellville, ON, which is easily accessible to all members and last from 10am to about 2pm. Meetings are informal, with a minimum of official business, affording plenty of time for "eye-ball" QSOs. In addition to these get-to-gethers, a net held every Sunday at 9am, local, on 3772. The average number of members & guests at the meetings has been 70 lately, and checkins to the nets run from 12 to over 20.

The 13th annual meeting of the Chapter was held May 9, 1987, with one of the largest turn-outs on record, a total of 75 being present. The highlight of the meeting was an address by George Collins, VE3FXT, one of Canada's best known amateurs. George's most recent DXpedition was to the 14 wild-life parks in South Africa. How he managed to get free accommodations and man-power to erect his beam at each location made a very entertaining program.

The Fall meeting was held September 26th, with 69 in attendance. Tom Atkins, VE3CDM, General Manager of CRRL, reported on the arrangements made for the joint USSR-Canada SKITREK expedition across the North Pole which has recently been completed. We also had a report from Fred Hammond, VE3HC on his activities as Director for QCWA Inc.

Our membership has increased from 94 in the spring of 1987 to 103, Spring of 1988. During that period five members became Silent Keys.

WEST BRANCH CHAPTER 68 of QCWA

Robert S. Baney, W3UIU
2121 1/2 Lin St, Williamsport, PA 17701

A meeting was held May 1 at Henry's Bar-B-Q. Present were W3ILG; W3UIU; W3CCY; W3DEW and W3IWK.

After all had enjoyed a good feed, W3ILG was installed as our new President to fill the vacancy due to the death of W3JEZ, on February 22, 1988.

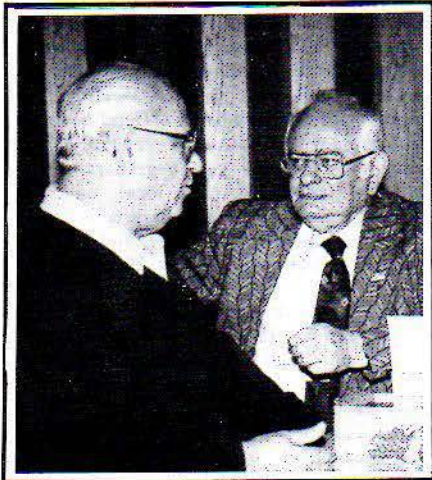


In the picture above, taken by K3UWJ, are, L-R, W3UIU and W3ILG.

QCWA CHAPTER NEWS

CLEVELAND CHAPTER No. 1 of QCWA

Robert E. Bloor, W8LYD
24338 Smith Ave, Westlake, OH 44145



On April 16, 1988, 60 members, their XYLs and guests had an exceptional gathering when Cleveland Chapter No. 1 held its Spring, 1988 meeting. Before and during a fine luncheon there was some serious discussion of the problems of the world with Pete, W8PBZ, at left in the picture to the right, and Jack, W8WGO, at right. After the luncheon, our Chapter President, A18M, conducted a short business meeting which included a moment of silence for our recent Silent Key members. The

meeting concluded with a round of introductions after which our Vice President, W8WGO, introduced the featured speaker of the occasion, W8KCG. Bob, W8KCG, one of our Past Officers, discussed the first wartime "Intercontinental Missiles" which were used by the Japanese during WW-II and bombed the west coast of the United States. Bob gave a very interesting presentation on a subject that was and is not familiar to most citizens.

The Chapter is planning a field trip to the regional FAA traffic control center in Oberlin, Ohio, during August. We are planning on an eye-ball QSO. On May 21, 1988, several Executive Committee Members of Cleveland Chapter No. 1, attended the Silver Anniversary Dinner of the Canton, Ohio Chapter No. 21. The Officers and Members of the Canton Chapter are commended for the fine arrangements they made for this 25th Anniversary occasion.

A REST FOR TIRED EYES

Pictured below is a fine family of QCWA members. Living in Ardmore, OK, Ernie and Fran Miller, W5SNM & W5SNL, respectively, take part in every amateur activity within driving range. Ernie has been licensed since 1932, Fran was licensed in 1951.

Fran has earned a fine reputation as a story-teller supreme. She has appeared on the stage of many conventions, giving forth with entertainment that has endeared her to hundreds of guys and gals in the Oklahoma/Texas region.



To Ernie and Fran, pictured above, the very best wishes from all of their QCWA friends everywhere.

AKRON CHAPTER No. 39 of QCWA

Bill Hessler, W8DXT
3046 Lake Rd, Cuyahoga Falls, OH 44224

The meeting was held April 21, at Sanginiti's Restaurant. 46 members and guests were present. Following dinner President Mike Underwood, W8AFP, opened the meeting with a welcome to all attending our 20th anniversary celebration. Esther Towne, XYL of the late Perry Towne, WB8IZJ, was then introduced as the new chairlady of the Silent Key Committee to keep in touch with the XYLs of SK members. Mrs. Billie Wiland, K8TCI, XYL of Charles Wiland, K8CXE and Mrs. Vera Spring, XYL of Curt Spring, W8FDM, were introduced.



The picture above showing L-R, Jim Trutko, W8EXI; Chester Rataski, K8GRO; Ann Rataski (K8GRO); Jean Tune, (W8LZE); Harold Tune, W8LZE; Janet Frey (W8NYS); Ivan Frey, W8NYS; Ann Neidert (W8CAC); John Neidert, W8CAC.

ROYAL PALM CHAPTER No. 152 of QCWA

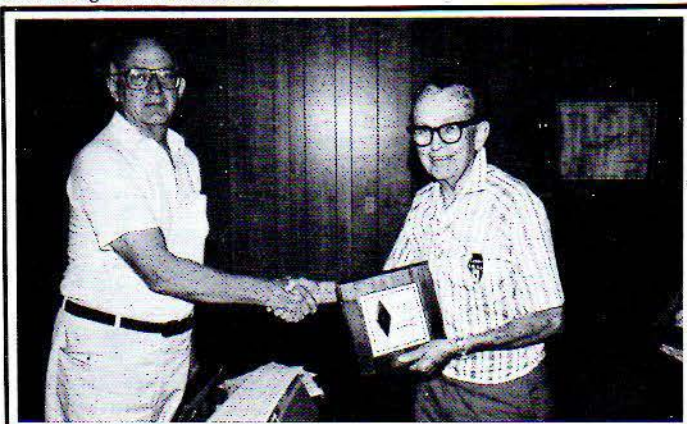
George Slade, W1GOG
4617 Lakewood Blvd, Naples, FL 33962

At our April Luncheon meeting, Dick Pettijohn, W0MIA, and his wife described a recent 10-day sailing cruise in the Caribbean with three other couples. They "bareboated" out of Soper's Hole, Tortola, in the British Virgins. Dick handles the electronics chores, naturally.

Larry Kleber, K0LKA, was awarded a special plaque from ARRL Headquarters in recognition of his 60 years of continuous membership in that organization. Over the years QST has published a number of technical articles authored by K9LKA.

Lee Denning, W4ESH, has moved to Blairsville, GA. We'll be keeping in touch with Lee through our local nets.

With summer approaching and may of our snowbirds heading north, our meeting attendance will drop off for a while, but we will continue to meet throughout the summer.



The Photo above pictures Dick, W0MIA, at left, congratulating Larry Kleber, K9LKA on his 60 years of continuous membership in the ARRL.

QCWA CHAPTER NEWS

NORTHWEST CHAPTER No. 4 of QCWA

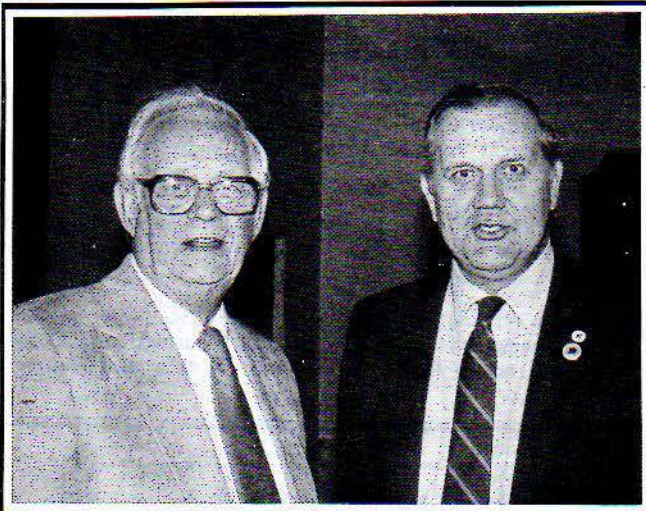
Albert E. Mowery, N7CT
7912 39th SW, Seattle, WA 98136

The Northwest Chapter of QCWA attended its annual spring dinner at the Lewis & Clark Hotel in Centralia, WA, April 30. Forty-seven members and guests were there to enjoy the dinner and program. Every year Roy Myklebust, W7GYB, arranges a very pleasant get together for the Chapter.

After the dinner, Mr. John Brown, W7CKZ, our Chairman, opened the meeting to get reports on the status of the Chapter. Harold Johnston, W7PN, Secretary/Treasurer, explained the dues setup. Although Jim Walsh, W7LVN, National Secretary reported that chapters are not required to collect dues, it was decided that we need the dues to cover costs of mailing. Without a definite dues arrangement just a few of the members try to keep the Chapter solvent which is not fair. So, if the members want their bulletins, they must pay at least two dollars a year. Jim Walsh also reported that the Memorial Scholarship Fund is going great with the Board giving \$700 each to seven winners, and is hoping to increase the fund so that the interest income may permit increasing the awards.

Other officers spoke a few words and the meeting was turned over to John Nelson, W7AOB. John introduced Mr. Stuart Farmer, K7WF, who has just returned from a trip to New Zealand where he and his XYL visited brothers and sisters. The Farmers are originally from Cardiff, Wales, UK, as was his wife's sister. Her sister married a New Zealander, so our friends had a family reunion there and we were able to enjoy a video camera view of the trip.

Members of the Northwest Chapter will be able to attend the National ARRL Convention and a Convention of QCWA at the same time with the Northwest Chapter planning to attend the Portland event, the September 10 weekend.



The picture above, Jim Walsh, W7LVN at left with John Brown, W7CKZ, Chairman of Northwest Chapter, at the Centralia meeting. Picture by N7CT

EL PASO AREA CHAPTER No. 64 of QCWA

Pollard Rogers, K5TLU
801 Galloway Dr, El Paso, TX 79902

At the April meeting of Chapter 64, Milly Wise, W5OVH, presented a large plaque to Dean Bevan, K5HTR, for making the highest score of any Chapter 64 member in the 37th Annual Worked All El Paso Contest.

The program at the May meeting was presented by Dr. Randy Keller, Chairman of the Geology Department at the University of Texas at El Paso. Dr. Keller explained the operation of the UTEP Seismograph and the recording of quakes in area about El Paso, the United States and world-wide. Of particular interest to members were the details of the Mexico City earthquake, because several of the Chapter members handled

considerable traffic between El Paso and Mexico City immediately after the quake.

In October the Chapter is planning on celebrating the 15th Anniversary of the founding of Chapter 64. A highlight of the celebration will be a banquet honoring the Charter Members of the Chapter.

Chapter 64 members are enjoying talking with QCWA members in Texas, New Mexico and Arizona every Saturday on the Chapter 64 Roundup Net, which meets at 8:30AM MDT on 3933 kHz.

NORTHERN LIGHTS CHAPTER No. 92 of QCWA

Roy Gould, N6BM
7121 E 34th St, Anchorage, AK 99504

Been trying to set this news out for some time but something always comes up that demands attention--

Looks like summer has arrived here at last. Our garden is planted, the tomatoes in the greenhouse are walnut size, the apple trees are leafing out and the flowers are starting to bloom (May 30, 1988). The boat has been checked over and ready to go, the fishing gear all stowed in the motor home, ready for the fishing season. As I spend most of the summer down on Kenai, this will be the last news until fall.

Chapter 92 is saddened to report that Hal DeVoe, KL7MF, became a Silent Key last month and will be missed by all of us.

Jasper Heath, KL7MD, was back in Anchorage for a business trip and stopped by for a visit - said to tell his friends hello and that he is very QRV doing missionary work in the Philippines. Chapter 92, on the air net meets the first Saturday of each month, 1100 local time, but with all the things to do, checkins will be pretty slim.

Speaking of summertime, don't forget the Picnic at Snyder Memorial Park on June 11, in Wasilla. Bring your own eats, drinks and hardware - the Chapter will furnish the bricketts. I haven't been there myself, but the directions given me were to turn left at the D & H cross the tracks, go a little way and turn left, hope we can all find it! This would also be a good time to pay dues if you haven't already done so. I will put a red check mark on the envelope of those I do not have a record of having paid dues.

The bands have been in good shape the past few months, with lots of long haul DX. For example, HV3SJ and OE1RUA/YK on 15 meters, and lots of good stuff from Africa on both 15 & 20. Some of our members have been heard working big pile ups, KL7PJ; KL7AF; KL7J; KL7GN among others. Had a nice QSO during the QCWA QSO Party with Roy Davis, KL7CUK. He says hi to all and will be up this summer in time for the picnic. Chuck, KL7PJ and Sparks, KL7PG, both have new Paragons by Ten Tec. Sure envy them! Want to welcome our new member, Lynn Hammond III, KL7IKV, to Chapter 92 and hope to see him at the picnic. 73 - have a good summer!

LEO MEYERSON PALM SPRINGS CHAPTER No. 154

Mildred J. Bruner, WA6UZX
56282 Gold Nugget Rd, Yucca Valley, CA 92284

Chapter 154 recently changed its regular meeting date to the fourth Thursday of each month. The most recent meeting was held June 23, at 12 noon, at the Royal Fox Inn for a luncheon meeting. We had an attendance of twelve and Bruce, our President, lead us in a discussion of a standard for our club banner. Two new members were welcomed; Bob WA6KWB, and his wife Helen, WA6KWA.

Gene, WB6BBY, announced as of July 7, 1988 he will be a member of QCWA for the past 31 years! Other items of discussion details of the annual meeting in February, 1989 and, how to increase membership.

QCWA CHAPTER NEWS

SPACEPORT CHAPTER 66 of QCWA

Spencer M Allen, K0REC
6401 Azure Ln (S-6) Cocoa Beach, FL 32931

Twenty-five members attended the luncheon, April 9, 1988. Bob Stewart, K6ETB, presided. Following the Pledge of Allegiance, and self-IDs, the president unfurled the long-awaited Spaceport QCWA banner, getting a round of applause.

In the absence of Secretary, Allen Apple, K4ILX gave the Secretaries report on the March meeting as well as his own treasurers report.

Vice President, Orton Duggan, W4EQE reported on the schedule of contacts he made on ham radio earlier this year with Spaceport Chapter member Jim Farrior, W4FOK, who had participated in an archeological dig of Mayan ruins in Central America's Belize. Orton introduced his guest Frank Cicagna, N8GDO, who had assisted in maintaining contacts with Jim. Orton also played a tape of a CW contact he had with Farrior. Jim Farrior displayed the compact radio gear contained in a small suitcase which he uses on his expeditions. He then explained how the radio was run by solar power deep in the jungle away from commercial AC sources. When Spaceport Chapter hosts the QCWA luncheon at the Melbourne Hamfest in September, Jim will be the featured speaker, giving more details on his adventures in Belize.

SOUTHEAST WISCONSIN CHAPTER No. 162

Bob Jensen, W0WLN
5616 Cambridge Ln #6. Racine, WI 53406

The Chapter has prospered, funds-wise, since donation of a local manufacturers product which members are selling at area swapfests. Engraved name tags with the QCWA emblem are now provided each member. The Chapter has ordered a banner. Part of the cost of a family picnic August 14, on the shores of Lake Michigan are borne by the Chapter. All this with local dues of \$3.00 per year from 13 members.

Our newest member is Harry Arsenault, W1PLR, a transplant from Connecticut, whose XYL is Pat, KA1JNW. Our recruiting efforts continue, and we hope the banner displayed at local swapfests and other gatherings will help.

Member Olie Fox, K9AKG, is chief cook and bottle washer at his QTH while XYL Hilda recovers from a stroke. All Chapter members are pulling for her.

All members except one now have 2-meter capability, so the chapter has changed its weekly on-the-air meeting from 15 meters to 2 meters. The net meets at 9 PM, Thursdays on the local repeater, 147.87/27, then moves to 146.94 simplex.

CENTRAL NEW JERSEY CHAPTER No. 138

Harold E. Clanton, WB2CJE
15 Valley Dr, Neptune, NJ 07753

There were 100 members and guests present at the sixth anniversary dinner meeting held April 17, 1988, at the Officers Club, Gibbs Hall, Fort Monmouth, NJ. In addition to the wonderful dinner, prepared by the chefs of the recently remodeled Officer Club, was the awarding of Certificates of Achievement for various categories as listed below, and depicted in the photograph. Shown, L-R are:

Millard Timm, KA2JUG, QCWA 50 Golden 50 Certificate; Dave Benton, W2WSE, QCWA Golden 50 Certificate and Golden Certificate for 50 years continuously licensed; Anthony Colaguori, W2GUM, Chapter 138 Elmer Award; Jerry Havel, W2RRX, QCWA Golden Certificate for 50 years continuously licensed; John Gainey, W2LCO, QCWA Golden 50 and QCWA Golden Certificate for 50 years continuously licensed, QCWA Century Club Certificate and Chapter No. 138 Diamond Jubilee.



Picture by Phil Peterson, W2DME

Tony Colaguori, W2GUM received our Chapter's Elmer Award for introducing amateur radio to residents of his retirement community in Florida and assisting them in becoming licensed amateur radio operators.

The Diamond Jubilee Award is automatically Awarded by our Chapter when a member has reached the age of 75 years and has received a "Fifty-Year Continuously Licensed Certificate" from QCWA.

After a few short committee reports, about 25 nice door prizes were presented. These prizes were obtained through the generosity of Local businessmen, Chapter members and others in the local area. The top prize consisted of a Bird Wattmeter donated by the Bird Corporation!

APPLESEED CHAPTER No. 117 of QCWA

Jack Novotny, K3CEW
973 Valley Dr, Ashland, OH 44805

The last meeting was held April 25, 1988 at the Brown Derby Restaurant. Eighteen hams and 18 XYLs were present.

After dinner and a short meeting, a video on radio controlled model airplanes was shown (it looked more like a demolition derby and they should probably be called radio UNcontrolled model airplanes). Guests included Ells Cox, KC8IX, and Edwina Cox, N8GFV. Ells and Eddie took the opportunity to bid farewell to many friends since they sold the shack in Ashland County and will be spending summers at their place in Canada, and winters in the south in their motor home. It was also good to see many members back from their winter in Florida.

Present Oscar Frederickson, N8OF, announced that the next meeting would feature discussion and nomination of officers. The election would take place at the August, 1988 meeting.

QCWA CHAPTER NEWS

HERE'S A TIME WHEN PICTURES SIMPLY MUST APPEAR

On June 1, 1988, a group of old-timers got together, no special meeting, just wanted to see each other! On hand to take part and pictures was W4COW, who has kindly sent them down. We simply had to share them with you.....so many of you know these guys and gals!



L-R, Gus Gironda, W2JE, Mr. QCWA (Apologies to W6IL); Ann Anzalone, xyl of Frank Anzalone, W1WY, at right.



L-R, Blanche Randles, W4GXZ; Hasslinger, W2CVF and Charter member No. 23, Ralph and Rita



Duncan and Irma Kreamer, WIGAY

All of those pictured here have, through the years, contributed liberally of their time, expertise and money toward the welfare of QCWA and Amateur Radio. We salute them and their partners! Thanks goes to W4COW for providing the fine pictures.

CENTRAL FLORIDA CHAPTER No. 107

Jim Gundry, W4JM
2908 Forestgreen Dr S, Lakeland, FL 33811

Over 50 people attended our May meeting, the tenth anniversary of our Chapter. Thanks to everyone for their support. President, W4PBL recognized the past president, W4NY - 1978-79; W4JM - 1980-81; W4LHP - 1982-83; W2HGV - 1984; W4OFT - 1985; W4SVB - 1986; VE3BFJ - 1987. He also presented a plaque of appreciation to the Western Sirloin Family Steakhouse, our meeting place for the past eight years!

We welcome K2CHX and WW4F who have joined Chapter 61. Mac,

K2CXH is a long time QCWA member while WC, WW4F, is a more recent member.

The members of the Chapter believe the Headquarters Building Fund is a priority project. They voted unanimously to contribute \$100 to the Fund.

Our July and August meetings are strictly social, with area QCWA members and wives invited to attend. Meetings are held at the Western Sirloin Family Steakhouse, 3105 Hwy 98N, Lakeland, FL....the third Saturday of each month, at 11:30AM.

QCWA CHAPTER NEWS

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Maher, Francis J WIENC 16474 88
Oneill, Raymond A Jr W2ALD 2895 87
Renaud, Ralph F W2AXW 5164 88
Odien, Elmer J W2BHQ 11682 88
Alexander, William T W2BNI 10352 88
Wandelt, Margaret E W2FPR 5567 88
King, William H W2LTJ 20875 88
Matteson, J R W2RZ 170 87

Rumberger, Carl S W3AAQ 13065 88
Wenger, R S W3EWR 5214* 83
Newman, Samuel E W3HN 925 88
Conley, Richard J W3NFM 19699 88
Grace, Frank J W3NR 8245 88
Aylor, Betty Jane W3SLS 11404 88
Clammer, Edward S W3UN 2165 88

Oberg, Julian F K4AUA 917 88
Burnett, W E Jr W4BEV 14074* 88
Rea, J Harold W4BMG 14140 88
Smith, Wolcott M WB4CGI 10951* 88
Brandon, Kenneth KE4CT 17245 88
Andrews, Harry G Jr K4FQM 11828 88
Clark, Charles J K4GEX 8149* 88
Hollingsworth, V E K4GV 10254 88
Pierce, Stanley L K4IXH 8866 88
Mack, Robert E K4JET 16623* 88
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Armes, Fred D K4RX* 487* 88
Bowman, Howard J K4TB 7728 88
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Champagne, Charles E K4YWK 13550 88
Winchell, Le Nain G W4ZCQ 16010 88

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Richter, Otto W5FFA 5928 88
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Matheny, Leon M NX5M 16514 88
Szeman, Peter W5NV 11862 88
Soard, Sue W5OQT 9112 88
Brown, Margaret A W5TXK 10956 88
Brogdon, Wilson R K5WFZ 19819 88

Truax, Donald W W6BLK 9655 88
Lambert, Elwyn G W6CJC 13886 88
Corey, Charles T W6EBC* 6604* 88
Stovall, Desmond H W6ECY 8937 88
Jacobs, Ray E W6KD 10939 88
Tillach, Glen C W6KZL 3855 88
Norie, Robert F K6RSY 1993 88
Swezey, Howard R W6TZA 15593 88

Eden, William O W7KXX 12399 88
DeVoe, H D KL7MF* 2083* 88
Hacker, Paul L W7OCR 13671* 88
Coulter, E Phil W7PX* 9899* 88
Jelinek, George S W7XW 14297 88

Nolan, John M W8HQ 6687 88
Mitchell, Franklin D K8IDX 21056 88
McDowell, C W K8IMX 14956 88
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Thompson, William E K9JGT 627 88
Barringer, Charles T W9JNI 4750* 86
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Slagle, A Karl W0AIT 19533 88
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Golden, Harris M K0GHD 6368 88
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White, James O KB0GZ 12339 88
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Borst, Bernard V NQ0R 9168* 88
Swezey, Ben F Jr W0RAG 1688 88

QCWA No. 73 and L.E.T.S JOIN

HAMS ACROSS THE BORDER

"Oft times the best laid plans. . .", as the saying goes, manifested in historic reputation after a year of anticipation and cooperation between the Southern Ontario Chapter #73 and the Lake Erie Tri-State Chapter No. 122. Plans were begun to make a formal presentation to Henry Harley, VE3BR, former QCWA Director, in appreciation for his journey to Meadville, PA in April, 1980 to present the Chapter 122 Charter.

The Award is a brass plaque fixed on an oak base and inscribed, FIRST HONORARY MEMBER, and was approved and to be awarded during the Charter 5th anniversary year, in 1984. Henry was on vacation in VE7 land - 1985 failed and, determined to finish the mission, I motored to Tillsonburg, Ontario and made an informal presentation at his QTH on August 14, 1986, discussing a possible formal presentation at a future Chapter 73 meeting.

In 1987, Geroge Spencer, VE3OZW and Frank Edwards, VE3UR, President and Secretary respectively of Chapter 73, invited Chapter 122 to make the formal Award to Henry on September 26 at Campbellville, Ontario. On the appointed date, my wife Doris and I arrived at the Mohawk Inn and were seated with some very widely known personalities - Fred Hammond, VE3HC; Truus Rosenthal, VE3MRS; Martin Rosenthal, VE3MR; Bill Loucks, VE3AR; Tom Atkins, VE3CMD and Frank Brien, VE3VJ. Tom Atkins, speaker for the occasion, described the Canadian Radio Relay League's role in providing communications for the USSR/CANADA Transpolar Trek. We had a brief eyeball QSO with Frank Hartley, VE3JT, but alas, Henry Harley was again a victim of fate, unable to attend due to automotive

difficulties. Although it was disappointing for all concerned, it seems the least we can do is to honor Henry Harley in Print. Except for that misfortune, we did have a wonderful time as guests of a very hospitable group of hams who extended welcoming hands across Lake Erie.

Paul Gerbracht, W3QPP



Pictured above at left Cecil Cammack, WSRRM and at right Ed Serur, W5CNO who planned the joint meeting of the Tyler-Dallas Chapters at Tyler, Texas on May 21, 1988. QCWA Director, Hal Sears, W5NC, center, was applauded for 65 years in amateur radio.

The Skeltons, Jeanette and Charles, W5IBF, hosted a Friday evening pre-meeting get together with plenty of delicious fried catfish at Callender Lake, Texas.

Nadine, W5ZUT



ISRAEL CHAPTER No. 124 of QCWA

S. S. Lotan, 4X4GF
14 Frankel St, Tel-Aviv, 69058 Israel

Israeli Chapter No. 124 has elected new officers with the following now serving:

Jacob Itzhaki, 4X4AH, President
S. S. Lotan, 4X4GF, Secretary

Chapter members meet each month, the first Sunday with an attendance of 30 to 40.

The Chapter misses its past President, Ozzy Osrin, 4X4CW, who passed away in 1987. There is considerable activity within the ranks of QCWA members in Israel, and several eligible amateurs have indicated that they wish to become members of the Chapter.

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QCWA CHAPTER NEWS

GATOR CHAPTER No. 32 of QCWA

Eli Nannis, K4JMH

14996 Imperial Point Dr North, Largo, FL 34644

The January Chapter meeting had 50 members and guests present. Wes Randles, W4COW, presented our President Bill Penhallegon, W4STX with the QCWA Meritorious Award in appreciation of his untiring and devoted efforts and services to Gator Chapter.

One of our members, Dave Stockey, K4KE, was recently written up in the "Rancher" magazine which is the publication of the Florida Sheriffs Youth Ranches for organizing the Boys Ranch Amateur Radio Club in 1968. He set up the station equipment and designed the club rooms and maintains the equipment even though he lives 230 miles distant. Officer Robyn Walk of the Largo Police Department gave a talk on crime prevention which was very interesting. Our new meeting place at Stacey's Buffet is working out quite well. We have a large private room with screen and microphone and most important, all you can eat for only \$4.00. Many of our members are putting on weight. Our February meeting was held on a very rainy, windy and cold day but attendance was very good. One of our guests was Jay Strom, W9BSL, President of Pelican Chapter. Dr. Raymond Nietzold, training officer of the American Red Cross advised the proper use of the emergency phone number 911 and he also described the new method of preventing choking on food. He advised that the CPR program has been changed and that the new course should be taken as soon as possible. We voted to donate \$25.00 to a Junior High School in New York, in which WB2JKJ is teaching code and theory to his students. Members of the Chapter were sent the 1988 roster and membership cards.



The picture above shows Wesley Randles, W4COW, presenting the QCWA Golden 60-Year Certificate to Ray Eastman, K4OC.

The March meeting was not well attended due to the Orlando Hamvention on the same day. Rex Matlack gave the program and the subject was "The Early Days of Radio". Many slides showing his antique radio equipment were shown.

The April meeting attendance was 45 members and guests. There was discussion on whether to keep sending out monthly news letters with the decision made to continue the service. Ray Eastman, K4OC, was presented with a 60-Year Golden Certificate. The program was a talk and slide show of my visit to Israel a number of years ago. A new member was welcomed, Don Bice, W4PCO, who is also a member of Pelican, and is their Secretary.

WORKED 500 QCWA MEMBERS AWARD

Onie Woodward, W1ZEN has sent word that she has received a request for the QCWA WORKED 500 MEMBERS AWARD - given to those who submit evidence of having contacted no less than 500 QCWA members. The latest one to reach this milestone in operating is:

William Moore, W9WM

Congratulations are in order, and are hereby tendered to W9WM!

AUSTIN, TEXAS CHAPTER 67 of QCWA

Roy Miller, W5FOZ

3202 Silverleaf Dr, Austin, TX 78757-1612

On May 16, 1988, the Fulmore Middle School in Austin dedicated their club station N5FQM to the memory of W. E. (Pete) Peterson, W5OY. Pete, a charter member of Austin Chapter and a member of several other chapters, became a Silent Key in June, 1987. Two television stations had their news cameras present and Channel 24 aired the Ceremony that evening on their news program. Several Fulmore teachers and one member of the Austin School Board were in attendance as well as several Austin hams.



In December, 1987, Adella, Pete's XYL, pictured at left, donated his entire station equipment to the school. Joe Farley, N5FQM and the 25 members of the club have done an excellent job of installing the equipment for the station. They are presently operating with di-pole antennas, but are hoping for someone to donate a tower and beam. A plaque showing pictures of Pete at his station and giving some of the events of Pete's 62 years in ham radio is posted in the station.

We are sure that this station will produce many new hams in future years and that Pete will be remembered by many young hams as they have their first QSO.

Fulmore Middle School's amateur radio club was founded by teacher Joe Farley who says that the students discovered new facts about science, mathematics and social awareness. Farley said the radio club was especially attractive to sixth-graders in the first year at Middle School. 6th Grader, Matthew Briganti and 8th grader, Alan Hightower have been thinking of applying for their own licenses.

Editors Note: Here again is an example of a teacher, reaching out to bring his young people an awareness of the world around them. How happy Pete would have been to know that his equipment would be used in this fashion. And, what better way for each Chapter to work for Amateur Radio. Find the teacher(s) in your area that might be able to carry out such a project, help to obtain and maintain equipment, and follow up by helping the youngsters who go on to get licenses....They may not come from homes that can or will support their amateur activity.



John Brown, W7CKZ, President of Northwest Chapter, No. 4, receives a QCWA 40th Anniversary Glass from Jim Walsh, W7LVN, QCWA Secretary, at a recent NW Chapter meeting.

QCWA CHAPTER NEWS

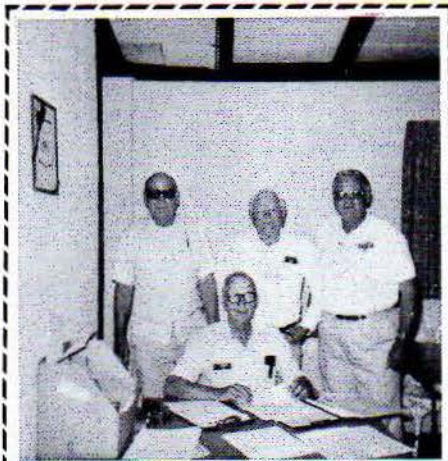
SAN DIEGO CHAPTER No. 14 OF QCWA

Bob McDonald, KE6VB
1029 Hemlock Ave, Imperial Beach, CA 92102

Here in San Diego, we have a number of clubs and associations to satisfy the various facets of amateur radio. These range from the DX club to the repeater association and include a number of regional groups. To coordinate the activities of these clubs and associations, the San Diego Amateur Radio Council or SANDARC represents fifteen clubs and associations that includes San Diego QCWA Chapter No. 14. One of the activities sponsored by SANDARC is a Volunteer Examiner program. The SANDARC VEC is QCWA Chapter 14 Member, Harley Gabrielson, K6DS. SANDARC sponsors four regional VE teams covering the Northern, Southern, Eastern and Central San Diego metropolitan areas, that conduct examinations monthly. In addition, unscheduled examinations are conducted in various other locations when requested.

SANDARC VEC is unique in that no fees are charged for examinations and the written portion of examination is administered and graded using computers. When the examination is administered, questions are randomly selected from the question pool by the computer program that includes the required number of questions from each area to be covered. After an examination has been completed, the computer grades the examination in response to a command by one of the VEs' and the test results are printed out with spaces for signatures of each of the three VEs' and the date and location where the examination was held. There are several advantages to using the computer; the questions contained in the examination given to the candidates cannot be compromised, since the questions are randomly selected and no one knows what specific questions are going to be asked. Grading is automatically performed, eliminating error and reducing the workload on the VE team.

The Southern San Diego Metropolitan Area is represented by the SANDARC Chula Vista VE Team identified in the picture below:



Seated, in front, is the Chula Vista VE team leader and administrative coordinator, Bob Hazelwood, NQ6R; in the back row, L-R, are:

VEs' Chet Coderre, W6VYV; Basil Enyeart, W6BFQ; and Bob McDonald, KE6VB.



CANTON, OHIO CHAPTER No. 21

Dave Polen, W8FRB
4434 Fairhaven NW, Canton, OH 44709

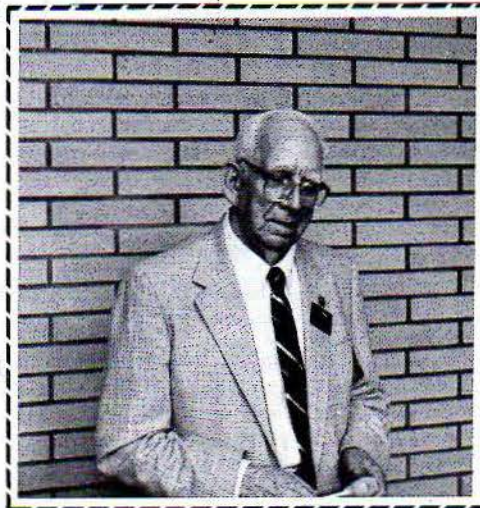
The 25th Anniversary of Canton chapter No. 21 was celebrated at a dinner party at the McKinley Museum of Science and Industry at Canton, Ohio, on May 21, at 5 PM.

One hundred fourteen members and guests attended and toured the Museum which had a special display of antique radios, spark gaps, bread-board MOPA's and even one item of World War I surplus! After the Museum tours, a very good dinner was served and many door prizes awarded.

Among the many guests recognized were Jack Goldfarb, W8WGO, Vice Chairman of Cleveland Chapter No. 1. Also attending from Chapter No. 1 were Robert Briggs, W8MMC, past Vice Chairman and Robert Bloor, W8LXD, Secretary of the Chapter. From the American Radio Relay League we were pleased to have Dave Kersten, N8AUH, Assistant Section Emergency Coordinator. Special recognition was given to Canton Chapter 21 Charter Members, Golden Certificate holders, Century Club Members and our Past Presidents. All sported carnations courtesy of Keith Chambers, W8SSA, President of Canton Chapter. We were pleased to introduce two new members to Chapter 21... "Kelly" J. K. Heinbuch, K8YDR and Ken Simpson, W8EK. Doing double duty, we had Reverend Otis Essex, W8KYR who gave the invocation and, as guest speaker, gave us a well received talk on his career as Navy Chaplain, as well as his start in amateur radio as a local fireman. We are glad to welcome W8KYR back to his home town.

As Chairman of the 25th Anniversary Committee, I, Dave Polen, W8FRB want to thank the following for making our Silver Anniversary the success it was - - - Nelson Caley, W8EAR our Secretary/Treasurer; Charles Scott, K8BYC; Joseph Vignos, W1FEZ; David Glass, W8UKQ; Paul Hughes, W8UIL; Myrhl Lemley, W8MND; Vice President, Marv Dennison, K8ANA; and the staff of the McKinley Museum of Science and Industry who cooperated in every way and, our

President, Keith Chambers, W8SSA who kept a steady stream of letters, phones calls of advice, suggestions and generally keeping us on the ball!



The man who really made our 25th Anniversary possible is Henry McLaughlin, W8OYV, pictured above, our Director Emeritus whose persistence and many times single handed effort kept Chapter 21 together and growing.

GATOR AND CITRUS CHAPTERS

The editor of the QCWA Journal wants to make a special note of the action of Gator and Citrus Chapters of QCWA . . . in the Fall of 1986, the two chapters jointly sponsored the QCWA International Convention, held at St Petersburg, FL. The Convention was, by any standard, a success. It was enjoyed by all, and attendance was good. Through the hard work of the Convention Committees a very substantial surplus was found to exist after all expenses of the Convention were paid. Shortly thereafter, the Chapters donated more than \$800 to the QCWA Building Fund. This was in addition to having repaid the QCWA treasury the \$500 which had been advanced to help with the initial start-up of the Convention activities.

This was the first time such a thing had happened. We did, of course, thank the Chapters for their gift but, even though late, felt that QCWA membership as a whole should know of the generosity of Gator and Citrus Chapters.

The QCWA Building Fund drive is an activity that hopes to accumulate enough funds so that, in the future, when time and circumstances are right, that a permanent home for QCWA. Gifts to the fund are tax exempt and gifts in any size are welcomed. Write or send them to QCWA Inc., 1409 Cooper Dr., Irving, TX 75061.

Members Newly Enrolled In QCWA

	21,075 Clyde E. Arntzen	KD4KN	Jupiter, FL	-	-
	21,076 James Joseph Kohler	KL7IDY	Battle Ground, WA	-	W6MMU
	21,077 Ernest W. House, Jr.	KØRDT	Muscatine, IA	-	-
	21,078 James W. Parce	WB2WRQ	Richmond Hill, NY	-	W2PPT
	21,079 Nita R. Buchanan	KB6TBM	Bakersfield, CA	Gene Buchanan	K6SWR
11-12-87	21,080 Robert L. Rogers	WA5EEZ	Tuttle, OK	Robert Runyon	AAØØ
	21,081 Robert E. Ferguson	N7BF	Wolf Point, MT	Paul S. Armstrong	K7HWK
	21,082 Chester O. Naron	N6EFT	Big Bear Lake, Ca	Don Grantham	WA6BCN
	21,083 Charles E. Towry	W4LCC	Balmorea, TX	-	-
11-13-88	21,084 Richard A. Carter	WB6LGL	Buena Park, CA	Tord Berg	N6GOT
	21,085 Betty N. Smothers	WA6GCS	Concord, CA	-	K6IGT
	21,086 James W. Holloway, Jr.	WA4IGK	Knoxville, TN	James R. Harmon	WA4HQF
	21,087 Paul R. Heller, III	W3PH	Rockville, MD	-	K3USO
	21,088 Samuel Margolis	W2WEU	Southampton, NY	-	-
11-16-87	21,089 Carl V. Anderson	W9FIJ	Ottawa, IL	-	W9DBO
	21,090 Fred J. Snow	VE3EWR	Wingham, Ontario, Canada	-	VE3NX
	21,091 Thelma M. Zwyer	K8TVX	Toledo, OH	Dorothy W. Higgins	W8RZN
	21,092 John S. Fogle	WD7H	Prescott, AZ	-	-
11-17-87	21,093 Phil R. Wharton	VE3RE	Waterford, Ontario, Canada	-	-
11-18-87	21,094 John Droscher	KØKWB	Omaha, NE	John W. Ferrel	WØYDV
	21,095 Ed Arnold	W6AT	Big Bear Lake, CA	-	WA6BCN
	21,096 Don S. Grantham	WA6NLG	Big Bear Lake, CA	-	WA6BCN
	21,097 Robert L. Miller	WØCKN	Kansas City, MO	Ronald R. Wood	KØBRØ
11-19-87	21,098 Wendell L. Seitz	W5KMS	Los Alamos, NM	-	-
	21,099 William E. Wageman	K5MAT	Albuquerque, NM	Don Grab	K5BIS
	21,100 Carol A. Wageman	W5TIK	Albuquerque, NM	Don Grab	K5BIS
	21,101 Herbert R. McCory	K14WD	Dubois, WY	-	-
	21,102 Roy E. Blair	K4HGK	Fairfax Station, VA	-	K4JAP
11-23-87	21,103 H.W. Robinson	W9AYH	Hobart, IN	-	-
	21,104 Roger M. Swickis	VE3BZR	Ottawa, Ontario, Canada	-	-
	21,105 Gerald M. Thiem	KØOPC	Grand Island, NC	-	-
	21,106 Charles M. Flesher	WA8GKW	Columbus, OH	-	-
	21,107 Dan M. Molver	W7DOP	Yachats, OR	C.E.Bratcher	W7KKP
	21,108 Robert K. Dahlin	K16UL	Garden Grove, CA	-	-
	21,109 Eugene D. Jellison	N6OSF	Milpitas, CA	-	-
	21,110 Rollin Versteeg	K6TLA	Palm Desert, CA	Leo Meyerson	WØGFQ
11-24-87	21,111 Clayton Clark	AC7O	Logan, UT	Bill Vaughan	W7CKD
11-27-87	21,112 James A. Isbell, Jr.	WA5HLE	Austin, TX	E.C. Lyneb	W5EQD
	21,113 William H. Durkin	WD4OBG	Brandon, FL	-	-
	21,114 Donald R. Anderson	K4PSW	Augusta, GA	-	-
11-30-87	21,115 Bernard L. Felton	W1CWF	Mansfield Center, CT	-	W1FXQ
12-01-87	21,116 David W. Braithwaite	WA4HBR	Winchester, VA	-	-
	21,117 Philip C. Peterson	KC9EL	Crystal Lake, IL	-	-
	21,118 John Wayne Mast	KJ4UN	Nelsonia, VA	-	-
	21,119 William E. Shortz	KA9BZM	Medaryville, IN	-	-
	21,120 Richard C. Stevens	KAØSGS	Fort Collins, CO	Gene Worth	WØAGU
	21,121 Charles S. Mooney	K8EWK	Columbus, OH	-	-
	21,122 Lawrence R. Sedgeley	KB1QN	Winthrop, ME	-	-
	21,123 David L. Karaloff	N7EZQ	Boise, ID	-	-
12-02-87	21,124 Bertram H. Fiddy	K7NBW	Roseburg, OR	-	WA6HYB
12-03-87	21,125 Homer A. Evans	WA9ALY	Fort Wayne, IN	-	W9JRR
12-04-87	21,126 Lawrence C. Fettrow	W3LSV	Fort Lauderdale, FL	-	W3AXC
	21,127 Robert J. Lawrence	W7VFR	Pasco, WA	Del Avery	W7BGH
	21,128 Arnold H. Viener	W3MIS	Randallstown, MD	-	-
	21,129 Gerald D. Fox	WA2VKS	Staten Island, NY	-	-
12-09-87	21,130 Charles K. Benedikt	VE3AZB	Edmonton, Alberta, Canada	-	-
	21,231 James H. Stephenson	W5KMN	Chandler, TX	Cecil Cammack	W5RRM
	21,232 Quentin C. Cassen	N6AF	Orange, CA	Leland Smith	W5KL
	21,233 Franklin Cassen	N6AT	Fallbrook, CA	Leland Smith	W5KL
	21,134 Henry N. Spears	W3PCZ	Wilmington, DE	R.T. Harding	W3JEE
	21,135 Foy E. Privette, Jr.	N4ZF	Lacoochee, FL	-	-
	21,136 Woodrow W. Martin	W8QCX	Canton, OH	Nelson M. Caley	-
	21,137 George J. Patsios	W4VMZ	Ocala, FL	Adis M. Henry	W4PFJ
	21,138 Reinhard A. O'Neill	WA2STK	Ocean, NJ	J.M. Havel	W2RRX
	21,139 John J. Mistic	W8VRJ	Solon, OH	Don Sealy	W8QKØ
	21,140 Le Roy Shreffler	W3PU	Harrisburg, PA	Glenn R. Kurzenknabe	K3SWZ
	21,141 Glen H. Taylor	NØOT	Lee's Summit, MO	Jim Martin	KØPHE
	21,142 Warren A. Tryon	KØQAF	Kansas City, MO	Ronald R. Wood	KØBRØ
	21,143 Robert Leslie Biglands	WA4ZNU	JAX, FL	-	-
12-10-87	21,144 Clyde W. Kerns	NØBCE	Littleton, CO	Bruce Henke	K6OU
12-11-87	21,145 Richard A. Faust, Jr.	N2RF	Haddonfield, NJ	Leland W. Smith Jr.	W4YE
	21,146 Frank N. Adcock	W6TFY	Terra Bella, CA	John McFadzean	W6TRP
12-14-87	21,147 John E. Stacy	W1KIM	Weston, MA	Len Hadley	W1YGC
	21,148 Jack Novotny	K3CEW	Ashland, OH	-	-
	21,149 John Kerr Williams	K8JW	Crownsville, MD	-	K4JAP
	21,150 Joachim Truesgen	DJ7JF	Wilhelmshaven West Germany	-	DL9AR
	21,151 Willi Kreibohm	DJ5ND	Delligsenn West Germany	-	DL9QQ
	21,152 Victor A. Mohrlant	WØUCA	Maplewood, MN	Jack Hill	WØZWW

Members Newly Enrolled In QCWA

	21,153	Raymond J. Sunderland	K9ANV	Schofield, WI	L. Peterson	W9YCV
	21,154	Robert Golder	WA2CFN	Jamestown, NY	Charles Willett	W1ESP
	21,155	Clyde H. Boring	W3SJF	York, PA	Ray Shanb	W3AXC
	21,156	Robert R. Sappington	N57M	Eugene, OR	Jim Walsh	W7LVN
12-16-87	21,157	Thomas Carten	K1PZU	Wilkes-Barre, PA	-	-
12-17-87	21,158	George R. MacDonald	W1NHT	East Millinocket, ME	Philip Young	W1JTH
	21,159	Elmer E. Hauer	W31XG	York, PA	William H. Boyer	W3AM
	21,160	Richard L. Genter	K4BKX	Mechanicsburg, PA	Glenn R. Kurzenknabe	K3SWZ
	21,161	Ken Lusty	VE3BIP	Port Colborne, Ontario, Canada	Bob Potter	VE3TO
	21,162	Morris H. Blum	KA3QQF	Annapolis, MD	William E. Cooke, Jr	-
12-18-87	21,163	Joseph R. Good, Jr.	W4HRR	Augusta, GA	-	-
12-31-87	21,164	Dean Manley	KH6B	Hilo, HI	Jim Walsh	W7LVN
12-22-87	21,165	Irving A. McLane	N5KVX	Albuquerque, NM	-	-
	21,166	Allan Peterson	WA4CUQ	Fayetteville, TN	-	-
12-28-87	21,167	John A. Warren	W9BFO	Mount Vernon, IL	-	-
	21,168	William M. Klyklyo	WA8FOZ	Cincinnati, OH	-	-
	21,169	Shirley M. Jago	N7CNG	Merlin, OR	-	-
	21,170	Edwin P. Ogier	W5JHY	Shreveport, LA	Dwight Brown, Jr.	W5WE
12-30-87	21,171	Elwood R. Horwinski	W1EZG	Wallingford, CT	-	W1FXQ
	21,172	Vernie L. Ellis	K0IEW	Kansas City, KS	-	-
	21,173	James Lee Bennett	WB5IMB	Austin, TX	-	-
	21,174	Champe C. Pool	W3DAE	Wormleysburg, PA	Frank Masters	-
	21,175	James E. Fecke	WA9GCB	Mount Carroll, IL	-	-
	21,176	Lawrence E. Brown	K6VDP	Costa Mesa, CA	Bert Ayers	W6CL
	21,177	Stuart L. Bloom	W8QVH	Los Angeles, CA	-	-
	21,178	Ray F. Boehmer	WA9AXL	Urbana, IL	Wes Randles	W4COW
	21,179	Edmund M. Mentz	K2LCK	Islip Terrace, NY	-	-
	21,180	Robert Lucas	WA0DXZ	Lubbock, TX	-	-
01-04-88	21,181	Gail D. Benson	W5ADV	Oklahoma City, OK	Howard W. Baker	W5AS
	21,182	Arthur J. Foster	NN7K	Klamath Falls, OR	-	-
	21,183	John G. Still, Jr.	W40JX	Tequesta, FL	D.L. Bassler	-
	21,184	Bruce K. Benton	N9ELT	Glencoe, IL	Wesley C. Randles	W4COW
	21,185	Alfons Niehoff	DJ8VC	Emsdetten West Germany	Albert Leinemann	DL9AR
	21,186	Richard Steck	W9RS	Lake Forest, IL	-	-
	21,187	Richard H. Williams, Sr.	NW8X	Parma, OH	-	-
	21,188	Donald F. Padgett	KC4QX	Dallas, TX	-	-
	21,189	Walter G. Hartman	W6PLX	Diamond Bar, CA	-	-
	21,190	Richard N. Johnson	WB6Q	Corona, CA	Tord Berg	N6GOT
01-11-88	21,191	Frank B. Gunnell	WB6BPL	Oxnard, CA	-	-
	21,192	William VanPatten, Jr	KA9TMW	Elkhart, IN	John T. Fleming	-
	21,193	Larry R. Johnson	K7LJ	Cupertino, CA	-	-
	21,194	Milton Schauer	WB0YDG	Selby, SD	-	-
	21,195	Joseph A. Chenworth	KA7ZPG	Heber City, UT	Bill Vaughan	W7CKD
	21,196	Henry Morrison Pollock	K4UUM	Reidsville, NC	-	-
	21,197	Steven F. Baldwin	K05W	Lewisville, TX	-	-
	21,198	Montford Stokley Benson	AJ3H	Wescosville, PA	-	-
	21,199	Ronald T. Gill	NV4U	Woodstock, GA	-	-
	21,200	Terry D. French	VE3QB	Kingston, Ontario, Canada	-	-
	21,201	Virgil C. Brown	K7HCD	Selah, WA	-	-
	21,202	Charles Edward Mink	KF2U	Mount Holly, NJ	-	-
	21,203	Harrison Vance Mosser	K3ZAP	Dayton, OH	Leland Smith	W5KL
	21,204	Richard J. Warren	WA9HWH	Stewardson, IL	Vernon F. Thompson	W9JWW
	21,205	William H. Lohr	N2ELQ	Durhamville, NY	Howard Beard	WA2FLX
	21,206	Laurence M. Evans	W8CAL	Glendale, WV	John E. Hoffer, Sr	W8CWY
	21,207	Dale L. Lindquist	WA0UKQ	Fort Collins, CO	-	-
	21,208	Allen E. Schark	K1CLF	Presque Isle, ME	-	-
	21,209	Richard V. Miller	W8KNB	Punta Gorda, FL	-	W9FDY
	21,210	Gerald D. Skloot	KE2N	Wantagh, NY	-	-
	21,211	John T. Lancaster, Sr.	W8GDP	Charleston, WV	-	-
	21,212	Richard A. Ledergerber	WB2FCZ	Atlantic Highlands, NJ	-	-
	21,213	William E. Pennington	WA6SLA	El Dorado Hills, CA	-	-
01-12-88	21,214	Bill J. Farley	WA5FLG	Alamogordo, NM	Marie W. Smith	W5DPD
	21,215	M.R. Creasy	WA4RLC	Lakeland, FL	R.W. Drobish	W9PVA
	21,216	Austin L. Shamblin	KC4CNL	Greenback, TN	Henry McDonald	K4KJV
01-14-88	21,217	Arthur Hall	WB3EJA	South Grafton, MA	-	-
	21,218	Bernard R. Shonebarger	W8TAR	Toledo, OH	-	-
01-15-88	21,219	Martin C. Hambel	K9EIE	Crystal River, FL	Lois Bixler	W4PQN
	21,220	Grace A. Hambel	WA9EKS	Crystal River, FL	Lois Bixler	W4PQN
	21,221	James B. Atkisson, Sr.	WB6GCI	Big Bear City, CA	-	-
01-19-88	21,222	John W. Heacock	K3CYP	Buford, GA	-	-
	21,223	Chester M. Poers	W5AJS	Shreveport, LA	-	-
	21,224	Charles D. Barton	NZ5M	Tyler, TX	-	-
	21,225	Donald F. Varnum	W1PSS	Marstons Mills, MA	-	-
	21,226	George R. Hopping	NZ7I	Sedona, AZ	Elmer Jones	K4EUX
	21,227	Michael W. MxKay	W4AZR	Merritt Island, FL	Bill McGrannaham	K0ORB
01-20-88	21,228	Thomas J. Workman	K0TW	Tucson, AZ	Ethel Smith	K4LMB
	21,229	Larry G. Todd	W5ULX	Levelland, TX	-	W5ZH
	21,230	Ted Quan	W5EXG	Lubbock, TX	Fred Marble	KF5AG

Members Newly Enrolled In QCWA

01-21-88	21,231	Ralph C. Householder, Jr	K51WN	Idalou, TX	Fred Marble	KF5AG
01-22-88	21,232	Hank Goldman	WA20VG	Riverdale, NY	-	KA21XW
	21,233	Erich Vom Hagen	DL9JR	Hagen West Germany	-	-
	21,234	Karl-Heinz Lebrecht	DL1NG	Bonn West Germany	-	DL7AC
	21,235	Albert C. Lattig	W9GQ	Naples, FL	-	-
01-27-88	21,236	John M. Frazier	K0YR	Saint Louis, MO	Glen R. Kurzenknebe	K3SWZ
	21,237	Russell W. Reed	WB2HXR	Scotch Plains, NJ	-	-
	21,238	John I. Richardson, Jr.	KB4AQ	Mobile, AL	-	-
	21,239	Ron Lowrance	NE4S	Doraville, GA	-	K4VN
	21,240	Alfred Vernon La Rue	K4BIY	Portsmouth, VA	-	-
	21,241	S. Norman Naugler	W7EBK	Malad, ID	-	-
	21,242	William D. Dreyer	WA9JNB	Hollywood, FL	Mei Schutz	W4NXF
	21,243	J. Henry Sleeper	K1ZUP	Wakefield, MA	Joseph F. Pogbs	W1EED
	21,244	Douglas R. Dunn	K7YD	Livingston, MT	Ian Elliot	W7JMX
	21,245	George L. Potter	KB5EYL	Dallas, TX	-	-
	21,246	Steve Lund	WA8LLY	Sevastopol, CA	Marin Sonoma	-
	21,247	Julius Jerry Bienstock	W2NNH	Flushing, NY	-	-
	21,248	Paul C. Walcott	WA8JEI	Mount Clemens, MI	George O. Walcott	-
	21,249	Ralph A. McDonough	K8AN	Adena, OH	Esther Given	W6BDE
	21,250	Kirby A. Van Horn	K7WOC	Bozeman, MT	Ian Elliot	W7JMX
	21,251	John W. Munnell	W3HSR	York, PA	-	-
01-28-88	21,252	Stanley G. Brugg	WA4VCK	Orlando, FL	-	-
01-29-88	21,253	Henry Wroblewski	WA4GIE	Port Richey, FL	-	-
	21,254	Donald B. McCandless	K5LFJ	Shreveport, LA	-	-
	21,255	William . Deegan III	KG6XT	Agoura Hills, CA	-	-
	21,256	Rudy R. Rice	K1ROK	Hickory, NC	-	-
	21,257	Robert W. Kalina	N81XU	Parma, OH	-	-
02-02-88	21,258	Albert J. Meny	K8VXO	Ludington, MI	Heleen Schmoeck	W8GJX
	21,259	William C. Garwood	N4GBK	Elizabeth City, NC	-	-
	21,260	Leo J. Potvin	W5STD	Shreveport, LA	-	K4CUU
	21,261	David A. Abell	K6XG	San Jose, CA	-	-
	21,262	Raymond N. Nether	W3KFB	Cheswick, PA	-	-
	21,263	G.H. Read	VE6GG	Edmonton Alberta, Canada	C. Tyrrell	VE6PV
	21,264	John D. Daniels	WA0GQK	Hinton, IA	-	-
	21,265	John W. Huecksteadt	K0HLB	Dunwoody, GA	Dave Fischer	W0MHS
02-03-88	21,266	Eugene P. Spaulding	W0KKS	Emporia, KS	-	-
02-04-88	21,267	R. Bruce McCrory	WB4BXM	Mobile, AL	-	-
	21,268	Gary J. Craney	WB2FGZ	Stanhope, NJ	Hammie Richardt	W2WIY
	21,269	James J. Sebastian	WA8CAJ	Reno, NV	-	-
	21,270	Ray Day	N6HE	Rancho Palos Verdes, CA	-	-
	21,271	Richard A. Phillis-Dawson	WA2AMH	Denville, NJ	-	KA2FXW
02-08-88	21,272	Don Smith	K6CHS	Palm Springs, CA	Leo Meyerson	W0GFQ
02-09-88	21,273	Homer P. Blincoe	W4SDG	Alpharetta, GA	Leland Smith	W5KL
	21,274	Linwood R. Miller	WA4SPR	Spring Hill, FL	Ed Handly	-
	21,275	David P. Serra	NY0S	Saint Louis, MO	-	-
	21,276	Raymond J. Moore	K3RTI	Ionia, MI	John Hewitt	K8OHN
	21,277	Elmer T. Kusluch	K41ZT	Citrus Springs, FL	-	-
	21,278	David L. Immel	KE4EW	Waxhaw, NC	-	-
	21,279	Victor Ted Martin	KF5LO	Wichita, KS	-	-
	21,280	William F. O'Neil	AB4FK	Norfolk, VA	-	-
	21,281	Leland D. Eoelmaier	W0PSX	Arvada, CO	-	-
02-10-88	21,282	Richard P. Hoffman	WA0GWC	Eden Prairie, MN	Thomas P. Traugher	W0ZX
	21,283	Richard W. Roome	WA6QGG	Diamond Bar, CA	Thomas P. Traugher	W0ZX
	21,284	Harry E. Lum	N0ENL	Fort Morgan, CO	-	-
	21,285	Normand E. Halle	N8GHH	Tallmansville, WV	-	-
	21,286	Bill Alex Alexander	KR6G	Cobb Mountain, CA	-	-
	21,287	Gilbert L. Carney	W2BEL	Neptune, NJ	-	-
02-12-88	21,288	Russel H. Fowler	W8KIE	Sun Valley, CA	-	-
	21,289	John P. Costas	K2EN	Newton, MA	Ted Heithecker	W5EJ
	21,290	Bob Cairns	WA8RQX	East Sparta, OH	Nelson M. Caley	-
	21,291	Maurice J. Farissier	KA1S	Cincinnati, OH	-	-
	21,292	Dave Smith	K3LHD	Carlisle, PA	Glenn R. Kurzenknebe	K3SWZ
02-16-88	21,293	John W. Sabol	WA4AZV	Wesley Chapel, FL	Frank LaLonde	W4PBL
	21,294	Ivan Shulman	WC2S	Malibu, CA	Gene Stephens	KA6HOQ
	21,295	John Paul Delaney	WB6BOQ	Thousand Oaks, CA	Gene Stephens	KA6HOQ
	21,296	Murvin L. Colby	K7VXV	Richfield, UT	Bill Vaughan	W7CKD
	21,297	Ben J. Murdock	AA5EI	Plano, TX	-	-
	21,298	Richard B. Erhardt	WA2FWW	North Syracuse, NY	Joseph P. Molinaro	W2FUU
	21,299	Don Ellerbee	WB0PBS	Hastings, NE	Dennis Carr	WA0AVQ
	21,300	Donald A. Hwking	W8OZT	Bradenton, FL	-	-
	21,301	Robert L. Parker	W1CUY	Plymouth, MA	-	-
	21,302	George A. Blair	K9VGE	Waukesha, WI	Richard R. Regent	K9GDF
	21,303	Alfred J. Stansfield	W2NDJ	Massapequa Park, NY	Herb Schmah	W2AHZ
	21,304	Walter D. Amos	K8CV	Royal Oak, MI	-	-
	21,305	Frank Beach, Jr.	WA00VU	Coon Rapids, IA	-	-
02-17-88	21,306	Roy D. Mazzagatti	N4OG	Miami, FL	EL	W5MD
	21,307	Harlan Cohn	W4UIM	Miami, FL	-	W5KL
	21,308	David A. Weinstein	WB4DTC	Miami, FL	EL	W5MD

QCWA CHAPTER NEWS

JOINT MEETING HOOVER DAM CHAPTER No. 44 & UTAH CHAPTER No. 160



The picture above, provided by Leonard Norman, W7PBV, Secretary of Hoover Dam Chapter and of SAROC fame!

We didn't receive a listing of those who were present for the picture, but it was a good crew who attended the joint meeting of Chapters 44 and 160 on February 22, 1988!

Much credit is due to Norm and the Vaughans who have been working hard to get their respective chapters moulded into real QCWActive organizations!

National Capitol DX Association



Those receiving plaques, shown above are: Top row, L-R; KZ3H (207); K6IR (268); N3US (221); N3TO (205); K3SKE (222); WA3DVO (227); W3NF (216); KC3EK (223). Lower row; W3UJ (230); W0YVA (223); KK4HD (219); N3EHD (233); G4MZF (203); N3II (254); WC4B (250). N4MM, N4RA, N3FBN, W3YY and W2GHK not present for the picture.

The NCDXA was organized in 1972 to further the exchange of DX information, promote amateur radio, DX knowledge, fraternalism and individual radio operating efficiency.

The winners of the SUPER GOLDEN JUBILEE plaque, with number of countries worked in parenthesis are: K6IR (268); N3II (254); WC4B (250); N4MM (250); N3EHD (233); W3UJ (230); WA3DVO (227); KC3EK (223); W0YVA (223); K3SKE (222); N3US (221); KK4HD (219); N4RA (218); N3FBN (217); W2GHK (207); KZ3H (207); W3YY (206); N3TO (205); G4MZF (203); W3NF (216).

CENTRAL FLORIDA CHAPTER 107

Chapter 107 has sent a very generous gift to the QCWA Building Fund.

The Building Fund is being accumulated to permit future administrations of QCWA to consider the desirability of establishing a permanent home for QCWA. Some time in the future, when the time is right, QCWA may have its own home. The Building Fund, a long-range planning activity, is taking the sensible approach - prepare for, and set aside the funds for the project before you are put in the position of having to borrow and pay high interest rates to do what must be done.

Thanks go to Central Florida Chapter and to others who have made contributions! If you are interested, write the HQ!



Barney's Antique Exchange

Managed by Barney Moffatt
W5CJZ

5714 Trail Meadow Drive, Dallas, Texas 75230

Quite a few QCWA Members are interested in the old-times and have suggested that we keep this vehicle to permit QCWA members to swap parts, information and so search for a special bit or part needed to restore, rebuild or go from scratch on old equipment. Barney's Exchange has been popular in this role for more than four years now.

Barney has kept records and corresponded as required to coordinate the whole thing. Whatever you might need in the way of parts, or information, send your requirement to Barney. He'll see that it's published herein, and help in every possible way to see you get those needed items. A few rules for operation of the exchange have been published since the beginning:

- (1) List what you have (or need) clearly
- (2) List what you will accept in trade
- (3) List your asking price if not trade is possible
- (4) If you advertise, hold merchandise for those who will read the Exchange column
- (5) Answer all inquiries

There is no cost to QCWA Members, neither QCWA, its officers, Board of Directors, manager or other agents assume responsibility for loss or misrepresentation to anyone.

SEE YOURSELF -- In mirror finish of stunningly beautiful antique yellow brass blue races size bug, like brand new with four red knobs. \$20 item FREE with this bug. Send one dollar for telegraph catalog sheets, etc. Bunnell Side-Swiper, \$129.00

W. G. Hess, W6CK
Box 19, Pasadena, CA 91102

WANTED -- Function switch from Hammarlund HX-50 transmitter or junk HX-50 for parts. Will pick up in New England.

Barry Fox, W1HFN
148 W Groton Rd, Shirley, MA 01464
617 256 4511

FOR SALE -- Hallicrafters R-42 Bsss-reflex speaker (19946) coomm/HiFi switch. Also, Seeburg CH-1, stereo corner speaker (1 only) One or both for best offer, or trade as part on Kenwood TS130S-120S.

Fred Kamp, W5UMD
41 Canada Dr., Hardy, AR 72542

WANTED -- AMECO AC-1 transmitter and Knight Ocean Hopper receiver.

Les Cammer, WB6OLL
4913 Rhoads Ave, Santa Barbara, CA 93111

WANTED -- Glass dial band backplane for Hallicrafters SX-101 receiver.

Jack C. Berry, Jr., KD9TH
4044 Sheridan Rd, Racine, WI 53403

WANTED -- National Receivers, catalogs and literature. Squires-Sanders Band Spanner SS-iV, Speaker and noise silencer. RME-9, RME-69, PR-10, PR-12, PR-16, PR-15 and Comet Pro, McMurdo Silver 3A.

Steve Barnes, K6PFW
848 N Silverwood, Upland, CA 91786

ALSO, Hammarlund Model HQ-150 general coverage receiver, .54 - 30 MHz, good operating condition, clean cabinet & panel. Band-spread dial for ham bands \$100. Prefer local sal. Have many vacuum tubes, old & modern with much test and measurement equipment of laboratory quality

Carl R. Swanson, W9SCN
1331 Center St, Des Plaines, IL 60018

WANTED -- Operation manual for D.E.M. Electronics model MKB-2000 keyer. If you have a manual or a copy, please contact

Peter T. Marino, W8PBZ
8194 Wyatt Rd, Broadview Hts, OH 44147

WANTED -- Riders Manual Volume Five, also two large tuning knobs for Hallicrafters SX-28 receiver.

James H. Barrows, W7BCT
15121 41st Ave, SE, Bothell, WA 98012
206 337 4880

WANTED -- Variable transformers, 220 VAC, 20 or 30 A and 110 VAC, 10 A. Trade new TPL SSB/FM 136-175 MHz amplifier, 10 W in, 60 W out. Trade new Nevada Call letter license plates

L. M. Norman, W7PBV
303 Sioux Ct, Boulder City, NV 89005-3027
692 298 3030

FOR SALE -- Hammarlund Model SP-600-JX17 general coverage receiver, .54 - 55 MHz. 18 tubes, 2 RF stages, 3 IF cathode follower output, \$150. Prefer local sale - too heavy for UPS, when packed.

QST & 73 - ten years through 1986. Will give to any club, college, library, or other organization that qualifies under IRS 501 c 3, tax exempt organization.

Frank C. White, W4OEZ
205 Yoakum Pkwy #1007
Alexandria, VA 22304
703 751 3919

WANTED: Manual for surplus test set AN/URM bridge ZM-30/U.

James B. Reid, W5HGL
656 East Madison
Houston, MS 38851

WANTED: Collins KWM-1 and 516F-1 AC supply. Set may be working or not. Will purchase at best price. Also interested in KWM-2, KWS-1.

George Bunce Sr, W5DKC
Rt 1, Box 85
Edmond, OK 73034
405 341 6419

QCWA HONOR AWARDS

While we're sure that QCWA members are aware of the QCWA Honor Awards, we also believe that a reminder once in a while doesn't hurt.

QCWA has, through the years, established a very fine Honor Awards Program. Major Awards are made each year, generally at the International Convention Banquet. You have a part in this program and you are requested to consider recommending one or more persons who you feel may have earned the honor of being named to one of the QCWA Awards. A list of those who have received Awards in the past is printed inside the front cover of each copy of the QCWA Journal.

If you believe that you know of one or more persons who have made major contributions to the welfare of QCWA or, to the welfare of Amateur Radio or, to the field of electronic communications, send your suggestion(s) to Hugh Winter, W5HD, who is the Chairman of the Awards Committee. He'll be glad to correspond with you on your suggestions. His address is:

Hugh Winter, W5HD
PO Box 14904
Albuquerque, NM 87191

MEMBERSHIP AWARDS AND SUPPLY INFORMATION

AWARDS

CERTIFICATES AVAILABLE TO MEMBERS

MEMBERSHIP CERTIFICATES, numbered in serial order are issued to each member. Numbers are not re-issued except to the same one to whom they were first issued.

QCWA GOLD CERTIFICATES celebrate the 50th anniversary of your first license, issued to eligible members upon proof of such licensing. Certificate issued without charge.

ENDORSEMENTS for the Golden certificate, in 5-year increments, 55-60-65-70-75 year. The endorsement sticker are free of charge to eligible members.

GOLDEN 50-YEAR CERTIFICATE FOR CONTINUOUS LICENSING is available to eligible members upon submission of proof of licensing. There is a \$5 fee. Proof requires a list of all calls, years held and other pertinent information.

QCWA CENTURY CLUB CERTIFICATE is issued to QCWA members whose age when added to the number of years as a member of QCWA equal 100 or more. There is no charge for the Certificate.

MERITORIOUS AWARD is issued by Headquarters, upon the request of any Active QCWA Chapter, one such award per chapter each year. The award may be given to Chapter members for unusual dedication to QCWA & Amateur Radio. There is no charge for the Certificate.

OPERATING AWARD CERTIFICATES

QCWA Operating Award certificates are issued to QCWA members by the Activities Manager. Proof of eligibility is required.

QCWA WORKED 50 STATES awards are issued to QCWA members who have contacted members in each state of the Union.

QCWA WORKED 100 MEMBER awards are issued to QCWA members upon proof of eligibility

QCWA WORKED 60 CHAPTER awards are issued to QCWA members upon proof of eligibility

QCWA WORKED 500 MEMBER awards are issued to QCWA members upon proof of eligibility

IN ADDITION, PLAQUES ARE AWARDED TO THE HIGHEST SCORING MEMBER FOR BOTH THE PHONE & CW QSO PARTIES. Runners up receive certificates.

SUPPLIES

QCWA Lapel Pin, Gold Plated, with call engraved, specify whether Clutch pin, safety pin or screw button type. NOTE THESE PINS DO NOT HAVE YEAR TAGS. - - - - - \$ 9.00*

QCWA Lapel Pin, Gold Plated, with call engraved. THESE PINS HAVE YEAR TAGS, AND COME ONLY IN THE CLUTCH PIN TYPE. SPECIFY THE YEAR (25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75) - - - - - \$ 9.00*

QCWA LIFE MEMBER PIN, calls not engraved - - - - - \$ 5.00*

QCWA BLAZER EMBLEM, embroidered - - - - - \$ 5.00*

270 QCWA Red membership stamps (regular membership) - - - - - \$ 2.00*

270 QCWA Gold membership stamps (Life membership)- - - - - \$ 2.00*

250 QCWA Yellow, 50 Years as an Amateur - - - - - \$ 2.00*

QCWA LOGO ON RUBBER STAMP, Size, about 1/2" - - - - - \$ 5.00

QCWA LOGO on window decal - - - - - \$ 1.00

QCWA LOGO on cap, fits all - - - - - \$ 5.00

*Prices are for domestic members, International Members add \$0.50 for airmail shipment

QCWA Banner, 30 x 48 inch, Chapter Name included - - - - - \$ 110.00

QCWA pays half of cost for Chapters purchasing a banner.

ORDER BLANK

To: QCWA Headquarters
1409 Cooper Dr
Irving, TX 75061-5527

Date _____

Please send the following supplies:

_____ \$ _____
_____ \$ _____
_____ \$ _____
_____ \$ _____

Ship To: _____
Name Call QCWA No.
_____ No & Street City State Zip

NOTE THAT SUPPLIES MAY NOT BE ISSUED TO INELIGIBLE MEMBERS. 50-YEAR PINS MAY BE ONLY ISSUED TO MEMBERS WHO WERE LICENSED AT LEAST 50 YEARS PREVIOUSLY, AND SO ON!

QCWA CAPS

DON'T FORGET TO ORDER YOUR QCWA CAP. THEY'RE IN STOCK, IMMEDIATE DELIVERY AT \$5 EACH, POSTPAID! DO IT TODAY!



QCWA, INC
1409 Cooper Dr
Irving, TX 75061-5527

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IT IN EARLY IF YOU CAN**